From:

Ed Bonner

To:

Whitney, Diana

Date:

1/9/2006 8:31:10 AM

Subject:

Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

The Houston Exploration Company

North Walker Hollow 11-36-6-23

North Walker Hollow 13-36-6-23

North Walker Hollow 15-36-6-23

North Walker Hollow 14-32-6-23

Summit Operating, LLC

State 2-2-14-22

State 4-2-14-22

State 6-2-14-22

State 13-2-14-22

Westport Oil & Gas Company

NBU 1021-16L - HAS not Sent Apd into us Yet.

If you have any questions regarding this matter please give me a call.

CC:

Davis, Jim; Garrison, LaVonne; Hill, Brad; Hunt, Gil



1368 South 1200 East Vernal Utah 84078 Telephone: 435-781-0166 Fax: 435-781-7095

January 12, 2006

Diana Whitney
State of Utah
Department of Oil, Gas & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Re:

NBU 1021-16L

NWSW Sec 16-T10S-R21E

Uintah County, Utah

Dear Diana:

Pursuant to your request please find enclosed 2 copies of the APD for the above referenced well.

If you have any questions, please feel free to contact me at 435-781-7060.

Sincerely,

Debra Domenici

Associate Environmental Analyst

DehaDomenica

RECEIVED
JAN 17 2006

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

FOR	M 3
AMENDED REPORT	

APPLICATION FOR I		5. MINERAL LEASE NO: ML-10755	6. SURFACE: State		
1A. TYPE OF WORK: DRILL V REENTER	DEEPEN		7	7. IF INDIAN, ALLOTTEE (OR TRIBE NAME:
B. TYPE OF WELL: OIL GAS OTHER	SIN	GLE ZONE MULTIPLE ZON	1E 🔽	B. UNIT OF CA AGREEMB NATURAL BUT	TES UNIT
2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY, L.P.			-	NBU 1021-16L	BER:
3. ADDRESS OF OPERATOR:		PHONE NUMBER:		IO. FIELD AND POOL, OF	WILDCAT:
The state of the s	E UT ZIP 84			NATURAL BUT	
4. LOCATION OF WELL (FOOTAGES)	89 X	39, 94 6479	1	I1. QTR/QTR, SECTION, MERIDIAN:	TOWNSHIP, RANGE,
AT CLIDEACE 2130 FOLDINAZO EVVI		109.562693		NWSW 16 1	0S 21E
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POS	T OFFICE:		1	2. COUNTY:	13. STATE: UTAH
15.6 MILES SOUTHEAST OF OURAY, UTAH				UINTAH	UIAN
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)	16. NUMBER O	FACRES IN LEASE:	17. NUN	MBER OF ACRES ASSIGN	
828'		640			40
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)	19. PROPOSED	9,400		D DESCRIPTION:	
REFER TO TOPO C 21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):	22 APPROXIM	ATE DATE WORK WILL START:		IMATED DURATION:	
5183.1' GL			тов	BE DETERMINE	ΞD
24. PROPOSE	D CASING A	ND CEMENTING PROGRAM	<u>-l</u>		
SIZE OF HOLE CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUA	ANTITY, YI	ELD, AND SLURRY WEIG	SHT
14"	40				
12 1/4" 9 5/8" 32.3# H-40, STC	2,100	PREM CMT	265	SX 1.	18 15.6
7 7/8" 4 1/2" 11.6# I-80, LTC	9,400	PREM LITE II	430	SX 3.	38 11
		50/50 POZ G	1520	SX 1.	31 14.3
				·	
25.	ATTA	CHMENTS			-
VERIFY THE FOLLOWING AREATTACHED IN ACCORDANCEWITH THE UT	FAH OIL AND GAS C	ONSERVATION GENERAL RULES:			
WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR EN	GINEER	COMPLETE DRILLING PLAN			
EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE	OF WATER	FORM 5, IF OPERATOR IS PE	ERSON OR	COMPANY OTHER THAN	I THE LEASE OWNER
NAME (PLEASE PRINT) DEBRA DOMENICI		TITLE ASSOC. ENVI	IRONM	IENTAL ANALY	ST
SIGNATURE Delice DOTTHE MER.		DATE 11/21/2005			
This space for State use only)	Edwards, 1981	A	****		

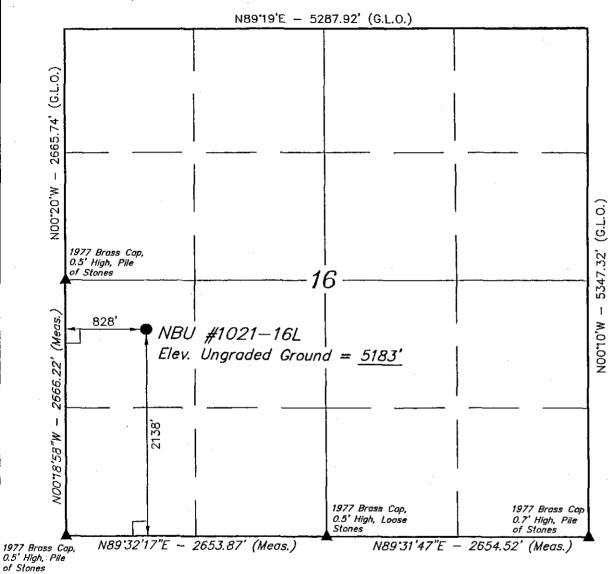
43-047-37629

Approved by the Utah Division of Oil, Gas and Mining

RECEIVED JAN 17 2006

DIV. OF OIL, GAS & MINING

T10S, R21E, S.L.B.&M.



BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(NAD 83)

LATITUDE = 39'56'47.16" (39.946433)

LONGITUDE = 109'33'48.19" (109.563386)

(NAD 27)

LATITUDE = 39.56'47.29'' (39.946469)

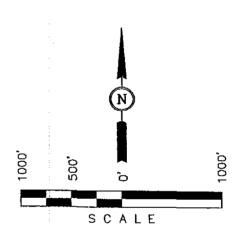
LONGITUDE = 109'33'45.71" (109.562697)

WESTPORT OIL AND GAS COMPANY, L.P.

Well location, NBU #1021—16L, located as shown in the NW 1/4 SW 1/4 of Section 16, T10S, R21E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.



CERTIFICATE PROPERTY.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELLET.

REGISTERED LAND SURVEYOR REGISTRATION NO. 161319

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:		
1" = 1000'	9-22-05	10-26-05		
PARTY D.K. L.K. K.G.	REFERENCES G.L.O. PLA	REFERENCES G.L.O. PLAT		
WEATHER COOL		ORT OIL AND OMPANY, L.P.		

LEGEND:

= 90' SYMBOL

= PROPOSED WELL HEAD.

SECTION CORNERS LOCATED.

NBU 1021-16L NWSW SEC 16-T10S-R21E UINTAH COUNTY, UTAH ML-10755

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

Formation	<u>Depth</u>
Uinta	0- Surface
Green River	1200'
Wasatch	4450'
Mesaverde	7250'
TD	9400'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

Substance	<u>Formation</u>	<u>Depth</u>	
	Green River	1200'	
Gas	Wasatch	4450'	
Gas	Mesaverde	7250'	
Water	N/A		
Other Minerals	N/A		

3. <u>Pressure Control Equipment</u> (Schematic Attached)

Please refer to the attached Drilling Program.

4. <u>Proposed Casing & Cementing Program:</u>

Please refer to the attached Drilling Program.

5. <u>Drilling Fluids Program:</u>

Please refer to the attached Drilling Program.

6. <u>Evaluation Program:</u>

Please refer to the attached Drilling Program.

7. Abnormal Conditions:

Maximum anticipated bottomhole pressure calculated at 9400' TD, approximately equals 5828 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3760 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates:

Drilling is planned to commence immediately upon approval of this application.

9. <u>Variances:</u>

Please refer to the attached Drilling Program.

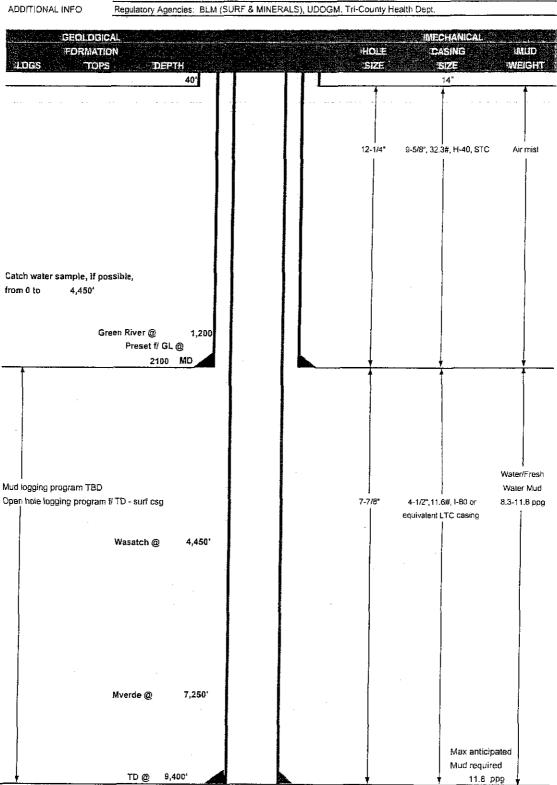
10. Other Information:

Please refer to the attached Drilling Program.



Westport Oil and Gas Company, L.P. DRILLING PROGRAM

COMPANY NAME	Westport Oil and Gas Co., L.P.	DATE	Novembe	r 15, 2005				
WELL NAME	NBU 1021-16L	TD	9,400'	MD/TVD				
FIELD Natural Butt	es COUNTY Uintah STATE Ut	ah	ELEVATION	5,183' GL	KB	5,198'		
SURFACE LOCATION	NWSW SECTION 16-T10S-R21E 2138'FSL & 8	28'FWL			BHL	Straight Hole		
	Latitude: 39.946433 Longitude: 109.56	3386						
OBJECTIVE ZONE(S)	Wasatch/Mesaverde							
ADDITIONAL INFO	Regulatory Agencies: BLM (SURF & MINERALS	Regulatory Agencies: BLM (SURF & MINERALS), UDOGM, Tri-County Health Dept.						





Westport Oil and Gas Company, L.P. **DRILLING PROGRAM**

CASING PROGRAM

									IESIGN FACT	DRS
	SZE	:IN	TERV	AL.	MT.	⊈ER.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	14"		0-40'							
	\	ĺ			}		}	2270	1370	254000
SURFACE	9-5/8"	0	to	2100	32.30	h-40	STC	0.61*****	1.39	4.28
								7780	6350	201000
PRODUCTION	4-1/2"	O	to	9400	11.60	I-80	LTC	2.10	1,10	2.11
									_	

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
- 2) MASP (Prod Casing) = Pore Pressure at TD (.22 psi/fi-partial evac gradient x TD)

(Burst Assumptions: TD =

11.8 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buoy,Fact. of water)

3700 psi

Burst SF is low but csg is much stronger than formation at 2000. EMW @ 2000 for 2270# is 21.8 ppg or 1.13 psl/ft

CEMENT PROGRAM

		eg Sana an anna Sana	NOT CONTROL TO THE OWN THE STATE OF THE STAT	Edine Sept : very AVA hough	enter month in community	production of the second sections	Effectively of a first factor with the second participation and
		FT OF FILL	DESCRIPTION	S/19(6)	32/(42/3	MEIGHT	WE'D
SURFACE	LEAD	500	Premium cmt + 2% CaCl	215	60%	15.60	1.18
Option 1			+ .25 pps flocele	İ			
	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt	50		15.60	1.18
			+ 2% CaCl + .25 pps flocele]			,
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE			NOTE: If well will circulate water to se	urface, opt	ion 2 will b	e utilized	
Option 2	LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite	170	35%	11.00	3.82
			+.25 pps Flocele + 3% salt BWOC		'		
	TAIL	500	Premium cmt + 2% CaCl	180	35%	15.60	1.18
	ļ		+ .25 pps flocele				
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTIO	N LEAD	3,950'	Premium Lite II + 3% KCI + 0.25 pps	430	60%	11.00	3,38
	ì		celloflake + 5 pps gilsonite + 10% gel			İ	
	Į	ļ	+ 0.5% extender				
	Į		*				
	TAIL	5,450'	50/50 Poz/G + 10% sait + 2% gel	1520	60%	14.30	1.31
	İ		+.1% R-3				- !

^{*}Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

S	υ	к	r	А	C	E

Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring

centralizers. Thread lock guide shoe.

PRODUCTION

Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder &

tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper

Drop Totoc surveys every 2000'. Maximum allowable hole angle is 5 degrees.

Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING	ENGINEER:

Brad Laney

DATE:

DRILLING SUPERINTENDENT:

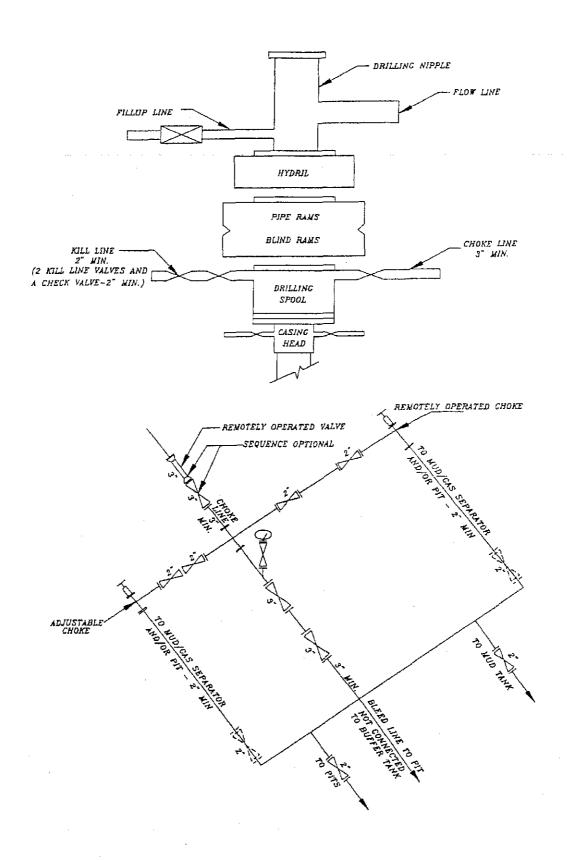
Randy Bayne

1021 161 ADD VIE

DATE: -

^{*}Substitute caliper hole volume plus 15% excess for TAIL if accurate caliper is obtained

5M BOP STACK and CHOKE MANIFOLD SYSTEM



NBU 1021-16L NWSW SEC 16-T10S-R21E Uintah County, UT ML-10755

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to Topo Map A for directions to the location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

Refer to Topo Maps A and B for location of access roads within a 2 mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. Planned Access Roads:

Approximately 0.3 miles of new access road is proposed. Refer to Topo Map B for the location of the proposed access road.

The upgraded and new portions of the access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet. Appropriate water control will be installed to control erosion.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities were determined at the on-site.

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

3. Location of Existing Wells Within a 1-Mile Radius

Please refer to Topo Map C.

4. <u>Location of Existing & Proposed Facilities</u>

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain

fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Carlsbad Canyon, standard color number 2.5Y 6/2.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Approximately 1626' of pipeline is proposed. Refer to Topo D for the proposed pipeline.

5. <u>Location and Type of Water Supply:</u>

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32, T4S, R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. Methods of Handling Waste Materials

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

A plastic reinforced liner and felt will be used, it will be a minimum of 20 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled By truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E.

8. Ancillary Facilities

None are anticipated.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

The reserve pit will be lined, and when the reserve pit is closed, the pit liner will be buried below plow depth.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Location size may change prior to the drilling of the well due to current rig availability. If the proposed location is not large enough to accommodate the drilling rig the location will be re-surveyed and a Form 9 shall be submitted.

10. Plans for Reclamation of the Surface:

Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

A plastic, nylon reinforced liner will be used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. Surface Ownership:

SITLA 675 East 500 South, Suite 500 Salt Lake City, UT 84102

12. Other Information:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

A Class III archaeological survey has been completed and is attached.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it Within 460' of any non-committed tract lying within the boundaries of the Unit.

13. <u>Lessee's or Operators's Representative & Certification:</u>

Debra Domenici Associate Environmental Analyst Westport O&G Co. 1368 South 1200 East. Vernal, UT 84078 (435) 781-7060 Randy Bayne Drilling Manager Westport O&G Co. 1368 South 1200 East Vernal, UT 84078 (435)781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Westport O&G Co. is considered to be the operator of the subject well. Westport O&G Co. agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by State Surety Bond #RLB0005236.

NBU	1	021	_1	61
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Surface Use & Operations Plan

Page 6

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Debra Domenici

11/21/2005

Date

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1021-16L SECTION 16, T10S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 2.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 3.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO BEGINNING OF THE PROPOSED ACCESS TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 47.0 MILES.

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1021-16L LOCATED IN UINTAH COUNTY, UTAH SECTION 16, T10S, R21E, S.L.B.&M.

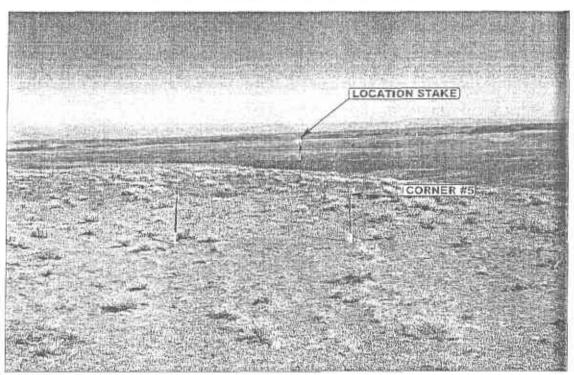


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

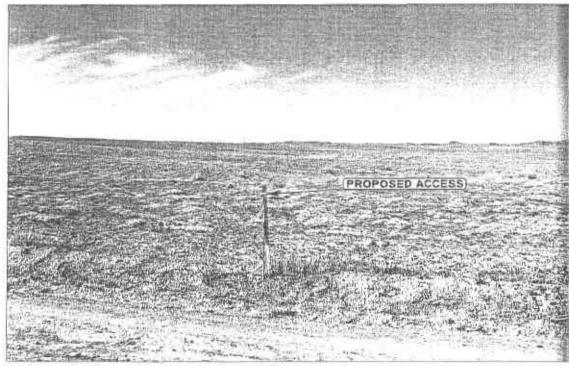


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY



Uintah Engineering & Land Surveying

\$5 South 200 East Vernal, Utah 84078 435-789-1017 uels@welsinc.com

LOCATION PHOTOS

MONTH

PHOTO

TAKEN BY: B.B. DRAWN BY: C.P. REVISED: 00-00-00

WESTPORT OIL AND GAS COMPANY, L.P. NBU #1021-16L

NBU #1021-16L PIPELINE ALIGNMENT LOCATED IN UINTAH COUNTY, UTAH SECTION 16, T10S, R21E, S.L.B.&M.

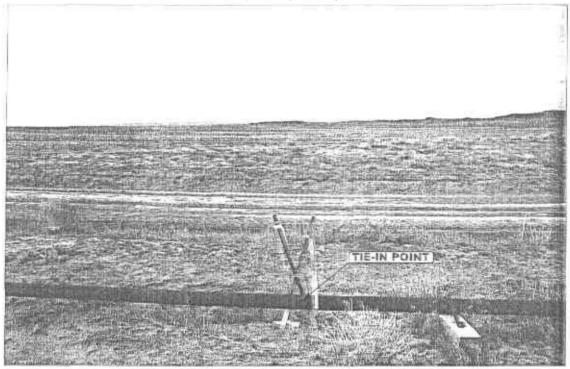


PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: WESTERLY

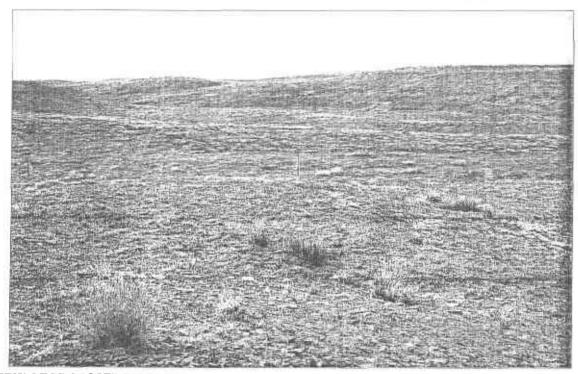


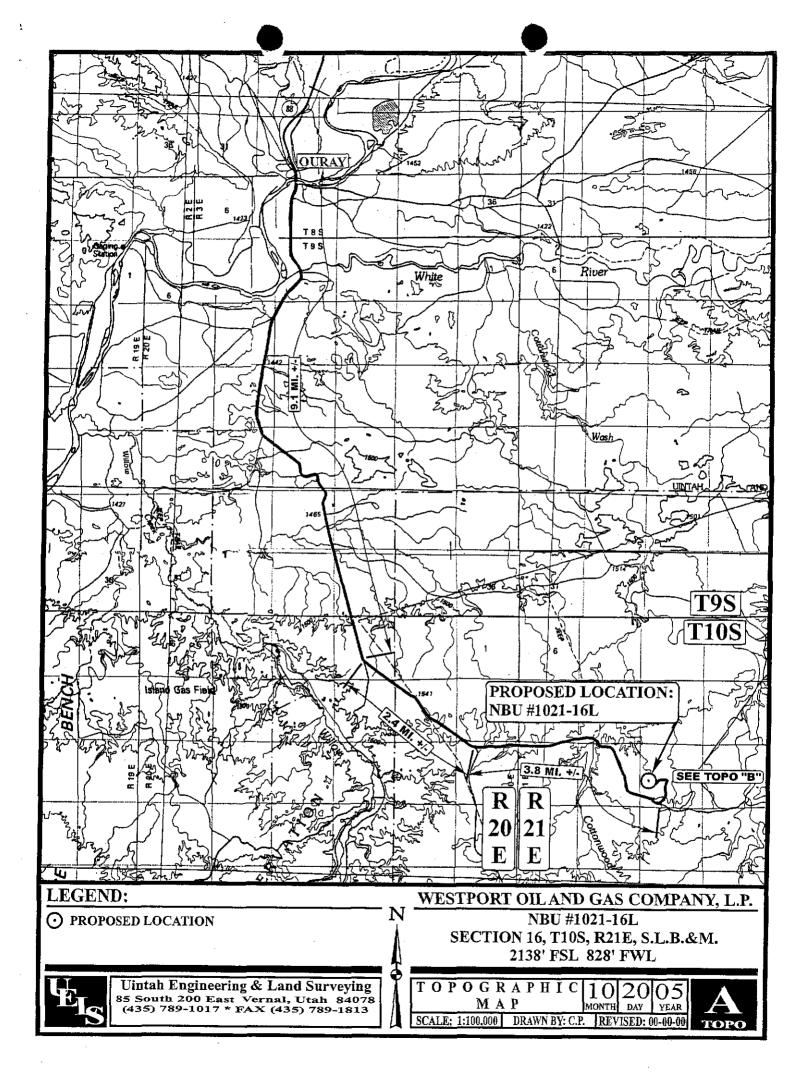
PHOTO: VIEW OF PROPOSED PIPELINE

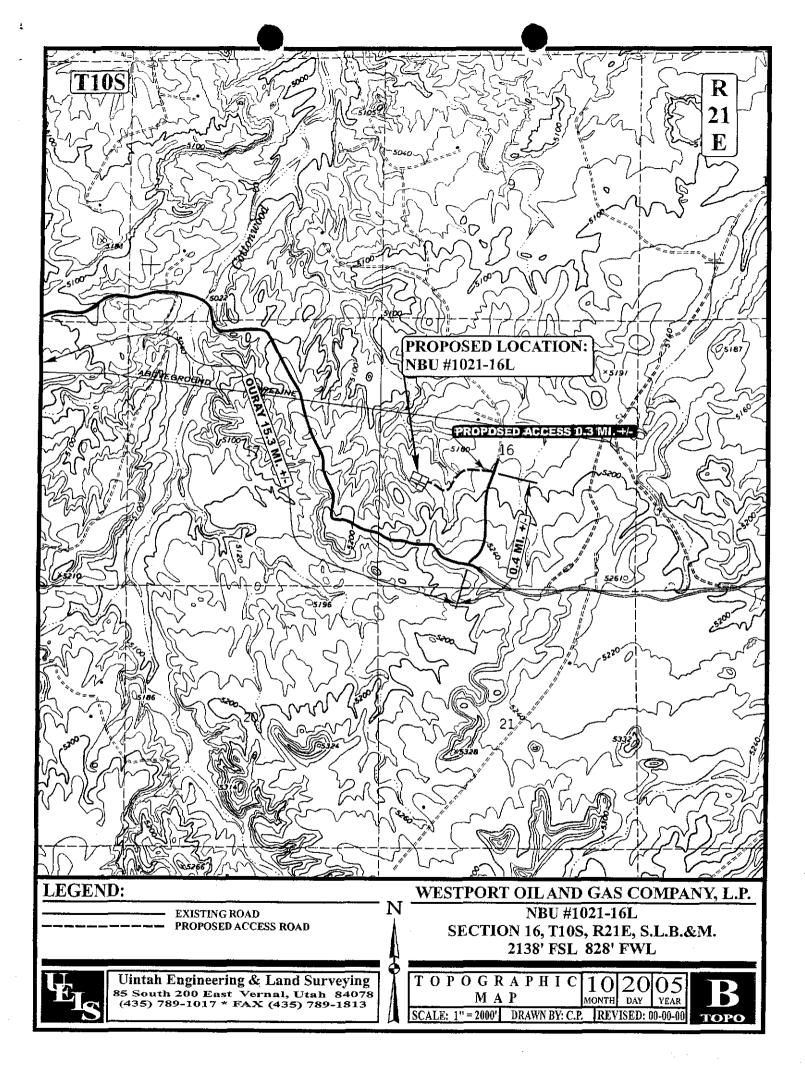
CAMERA ANGLE: SOUTHERLY

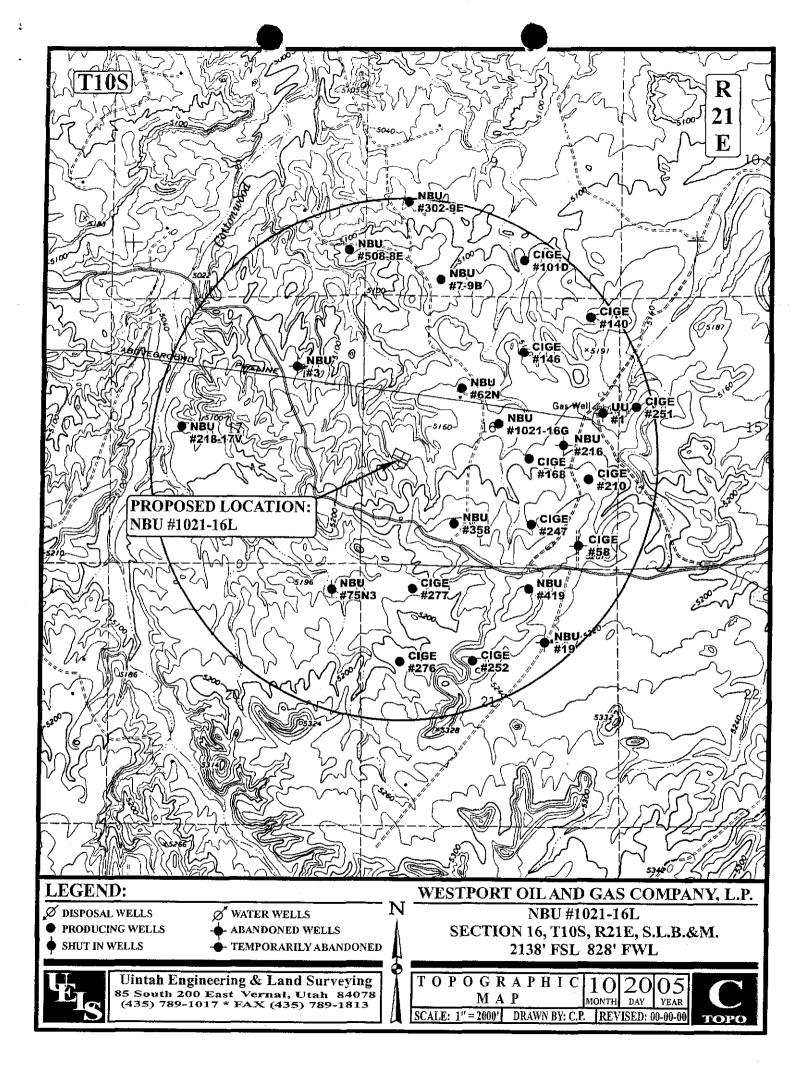
РНОТО

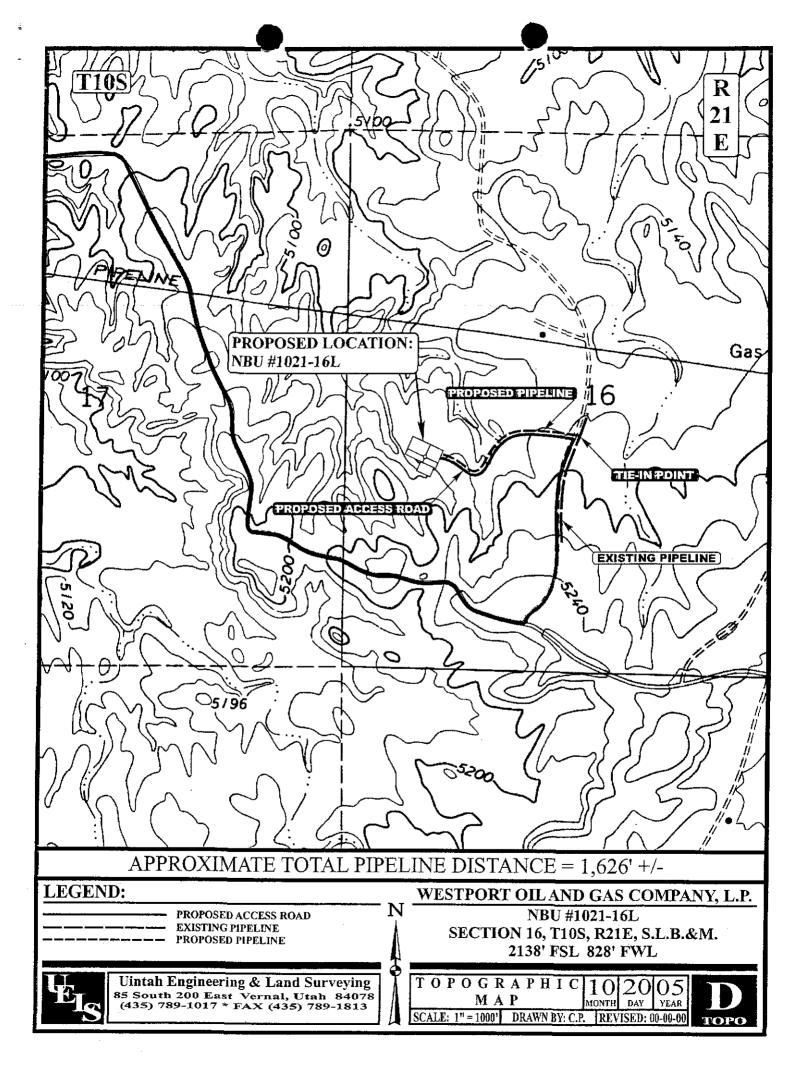


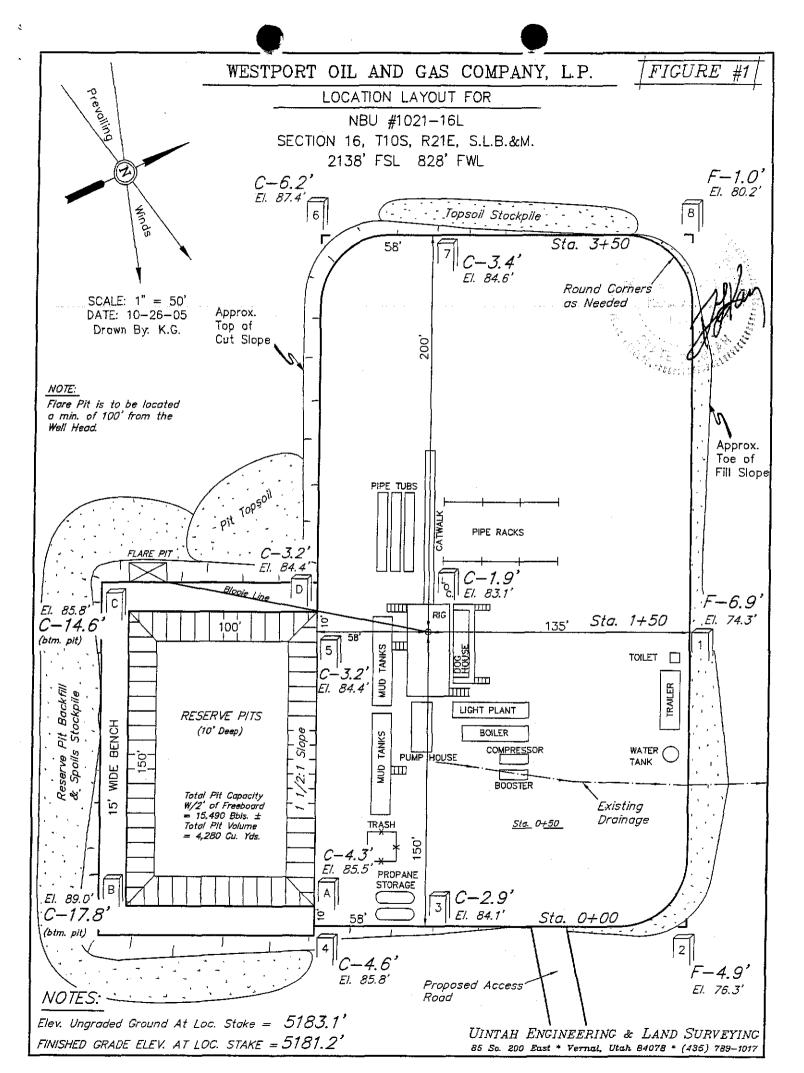
PIPELINE	10	20 DAY	O5 YEAR	
TAKEN BY: D.K.	DRAWN BY: C.1	REV	ISED: 0	0-00-00

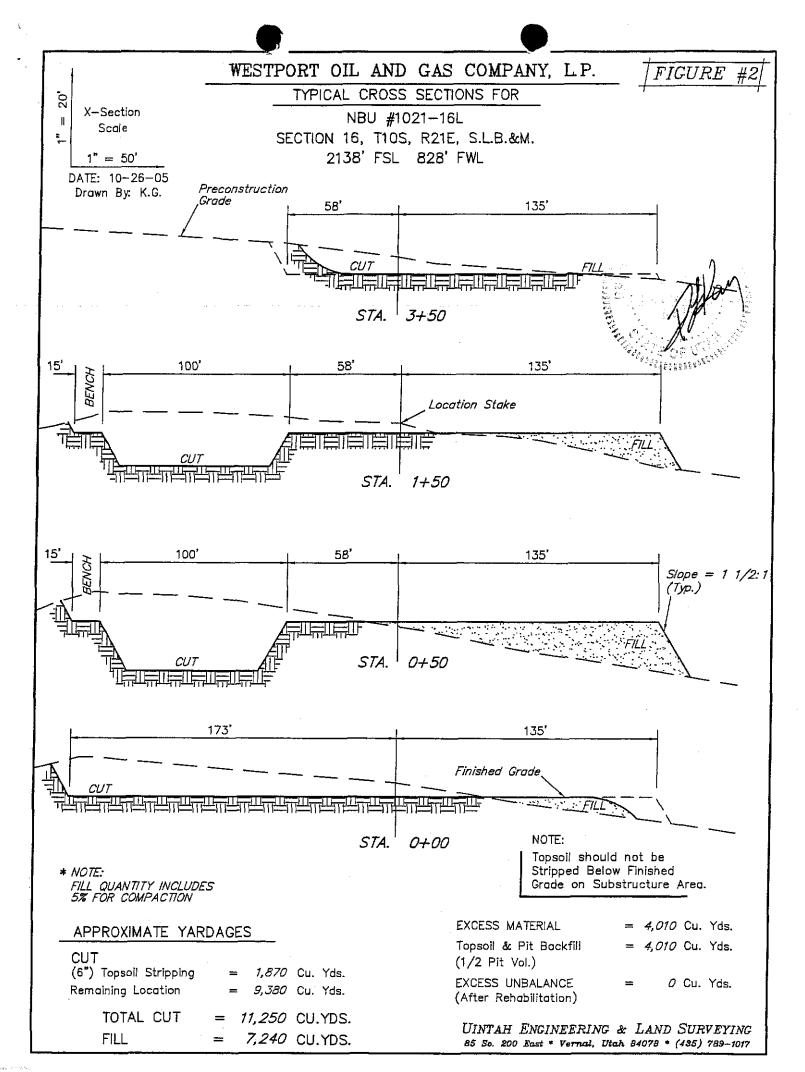




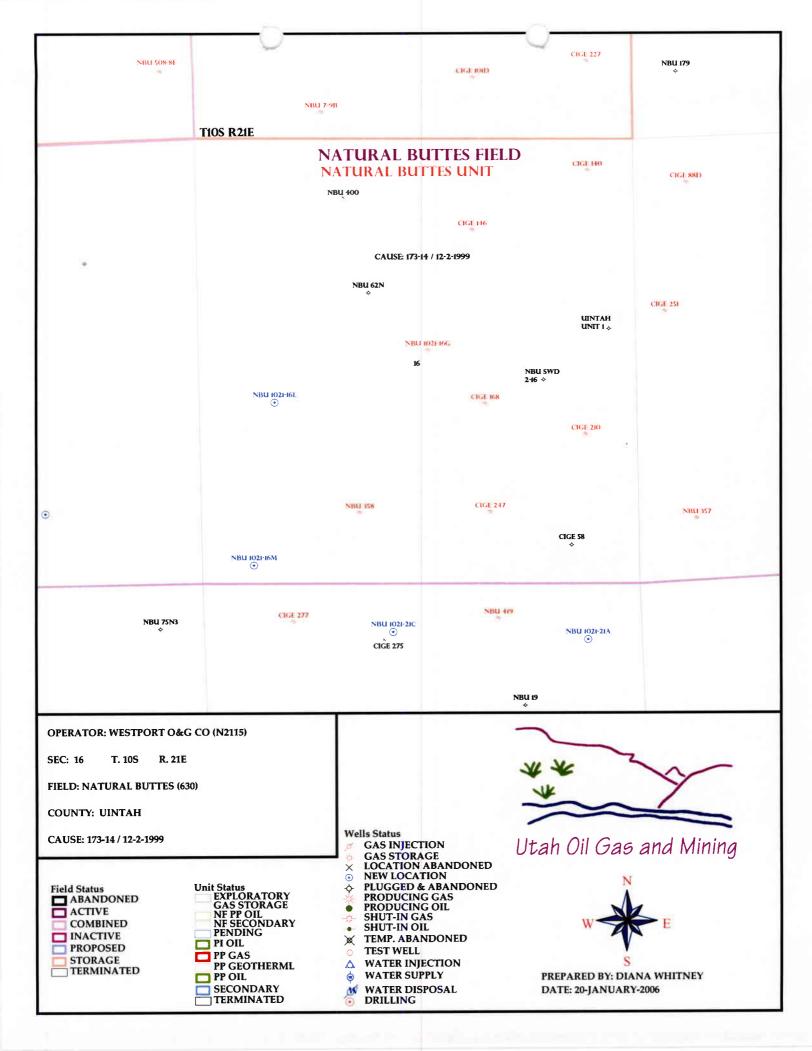








APD RECEIVED: 01/17/2006	API NO. ASSIG	NED: 43-04	7-37629
WELL NAME: NBU 1021-16L	PHONE NUMBER:	435-781-706	50
OPERATOR: WESTPORT OIL & GAS CO (N2115)	PHONE NUMBER:	133 701 700	
CONTACT: DEBRA DOMENICI			
PROPOSED LOCATION:	INSPECT LOCATN	BY: /	/
NWSW 16 100S 210E SURFACE: 2138 FSL 0828 FWL	Tech Review	Initials	Date
BOTTOM: 2138 FSL 0828 FWL	Engineering	Duo	46/06
COUNTY: UINTAH	Geology		·····
LATITUDE: 39.94648 LONGITUDE: -109.5627			
UTM SURF EASTINGS: 622789 NORTHINGS: 4422596	Surface		
FIELD NAME: NATURAL BUTTES (630) LEASE TYPE: 3 - State LEASE NUMBER: ML-10755 SURFACE OWNER: 3 - State	PROPOSED FORMA COALBED METHAN		IVD
Plat	LOCATION AND SITING: R649-2-3. Unit: NATURAL BUTTES R649-3-2. Gener Siting: 460 From Qi R649-3-3. Excep Drilling Unit Board Cause No: Eff Date: Siting: 460 From Qi R649-3-11. Dire	173-19 ubarg fun	Commitmes
COMMENTS: Needs Presite	(12-20-05)		
STIPULATIONS: 1- DIL SHALE 2- STATEMENT 3- Surface (sy Cont &	of Basis		



DIVISION OF OIL, GAS AND MINING APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

OPERATOR:	WESTPORT OIL AND	GAS.		
WELL NAME & NUMBER:	NBU 1021-16L			
API NUMBER:	43-047-37629			
LOCATION: 1/4,1/4 NWSW Sec:_	<u> 16</u> TWP: <u>10S</u> RNG: <u>21E</u>	2138' FSL	<u>828'</u> FWL	
Geology/Ground Water:				
Westport proposes to set 2,100' of st	arface casing at this loca	tion. The der	oth to the base of the moderately	
saline water at this location is estima	ted to be at a depth of 5,	100'. A searc	ch of Division of Water Rights red	cords
shows one water well within a 10,00	of foot radius of the center	r of section 1	6. This well produces from an	
unlisted depth and the water rights w	ere filed by 3 oilfield ser	vice compan	ies. The surface formation at this	s site
is the Uinta Formation. The Uinta F	ormation is made up of	interbedded s	shales and sandstones. The sands	tones
are mostly lenticular and discontinuo	us and should not be a s	ignificant sou	arce of useable ground water.	-
Production casing cement should be				er to
isolate it from fresher waters uphole.				
Reviewer: Brad H	<u>i</u> 11	_Date:	01/31/06	
		 	_	
Surface:				
The pre-site investigation of the surf	ace was performed on 12	2/20/2005.	This site is on State surface, with	state
minerals, and appears to be a good s				
stated no concerns with drilling at thi				
with drilling on this location. Carro				
would not cross the existing road, rath				
the existing pipeline to the north of le			-	
	_			
Reviewer: Richard 1	Powell D	ate:	12/20/2005	

Conditions of Approval/Application for Permit to Drill:

1. A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION Division of Oil, Gas and Mining

OPERATOR: WESTPORT OIL AND GAS COMPANY

WELL NAME & NUMBER: NBU 1021-16L

API NUMBER: 43-047-37629

LEASE: ML 10755 FIELD/UNIT: NATURAL BUTTES

LOCATION: 1/4,1/4 NWSW Sec: 16 TWP: 10S RNG: 21E 2138' FSL 828' FWL

LEGAL WELL SITING: 460' from unit boundary and uncommitted tracts.

GPS COORD (UTM): 0622789X 4422594Y SURFACE OWNER: SITLA.

PARTICIPANTS

Richard Powell and Ted Smith (DOGM), Ben Williams (DWR), Debra Domenici and Carroll Estes (WESTPORT), David Kay and Lucas Kay (UELS), Jim Davis (SITLA)

REGIONAL/LOCAL SETTING & TOPOGRAPHY

Location is set on ridge surrounded by shallow drainages and rolling hills. The surrounding drainages drain to the north. There are scattered hills and valleys nearby with exposed rock outcroppings along the ridges. Ouray is approximately 15 miles northwest.

SURFACE USE PLAN

CURRENT SURFACE USE: Wildlife Grazing.

PROPOSED SURFACE DISTURBANCE: Location as proposed will be 350' by 308'. Proposed new access road 0.3 miles.

LOCATION OF EXISTING WELLS WITHIN A 1-MILE RADIUS: See attached map from GIS database.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well. Pipeline will follow access road.

SOURCE OF CONSTRUCTION MATERIAL: All construction material will be borrowed from site during construction of location.

ANCILLARY FACILITIES: None required.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS? (EXPLAIN): Unlikely.

WASTE MANAGEMENT PLAN:

Drilled cuttings will be settled into reserve pit. Liquids from pit will be allowed to evaporate. Formation water will be confined to storage tanks. Portable toilets, sewage holding tanks, and onsite sewage treatment equipment will be handled by commercial contractors and regulated by the appropriate health authority. Trash will be contained

in trash baskets and disposed of at an approved landfill.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: None.

FLORA/FAUNA: The area of location contains sparse, low growing sagebrush, bunch grass, salt brush, rabbit brush and prickly pear. Wildlife found in this area may include: Rodents, Raptors, Coyote, Pronghorn, Bobcat, Prairie Dogs and Rabbits.

SOIL TYPE AND CHARACTERISTICS: Poor, light brown clay soil with fractured shale.

EROSION/SEDIMENTATION/STABILITY: It does not appear that construction will affect erosion or the potential of sediment leaving the site.

PALEONTOLOGICAL POTENTIAL: Center stake marked by S Sandau (IPC) on 10/11/2005.

RESERVE PIT

CHARACTERISTICS: 150' by 100' and ten feet deep. Reserve pit to be placed in cut.

LINER REQUIREMENTS (Site Ranking Form attached): A liner will be required for reserve pit. Site ranking score is 30.

SURFACE RESTORATION/RECLAMATION PLAN

As per SITLA

SURFACE AGREEMENT: As per SITLA

CULTURAL RESOURCES/ARCHAEOLOGY: Center Stake marked by Moac K.M. on 9/28/2005.

OTHER OBSERVATIONS/COMMENTS

ATTACHMENTS

PHOTOS OF THIS SITE WERE TAKEN AND PLACED ON FILE.

RICHARD POWELL
DOGM REPRESENTATIVE

12/20/2005 10:30 AM DATE/TIME

Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet)		
>200 100 to 200	0 5	
75 to 100	10	
25 to 75 <25 or recharge area	15 20	5
Distance to Surf. Water (feet)		
>1000 300 to 1000	0 2	
200 to 300	10	
100 to 200 < 100	15 20	0
	20	0
Distance to Nearest Municipal Well (feet)		
>5280 1320 to 5280	0 5	
500 to 1320	10	
<500	20	0
Distance to Other Wells (feet)		
>1320 300 to 1320	0 10	
<300	20	0
Native Soil Type		
Low permeability Mod. permeability	0 10	
High permeability	20	_20
Fluid Type		
Air/mist	0	
Fresh Water TDS >5000 and <10000	5 10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	5
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	0
Annual Precipitation (inches)	^	
<10 10 to 20	0 5	
>20	10	0
Affected Populations		
<10 10 to 30	0 6	
30 to 50	8	
>50	10	0
Presence of Nearby Utility Conduits		
Not Present Unknown	0	
Present	10 15	0
		

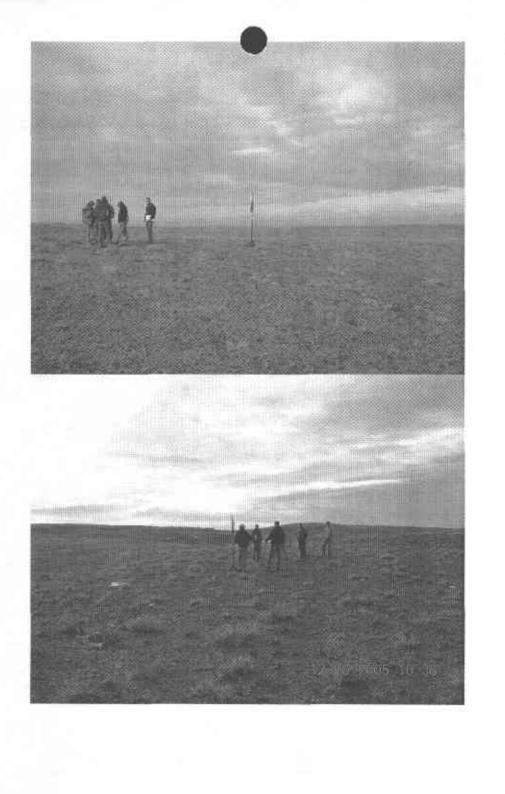
______ (Level I Sensitivity)

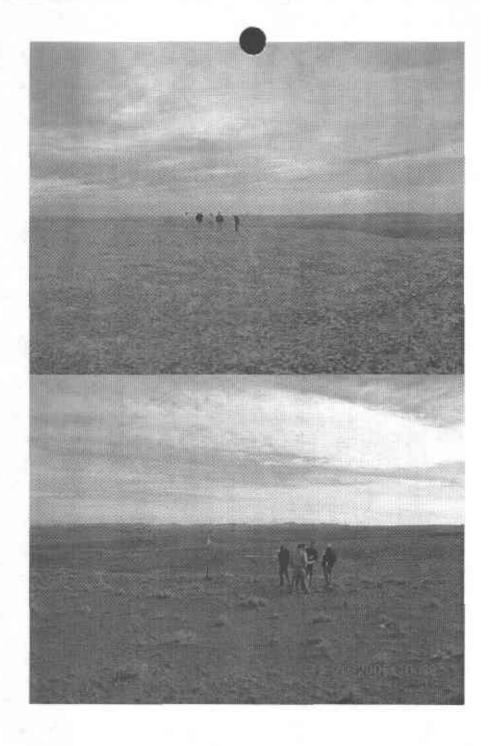
Sensitivity Level II = 20 or more; total containment is required.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.

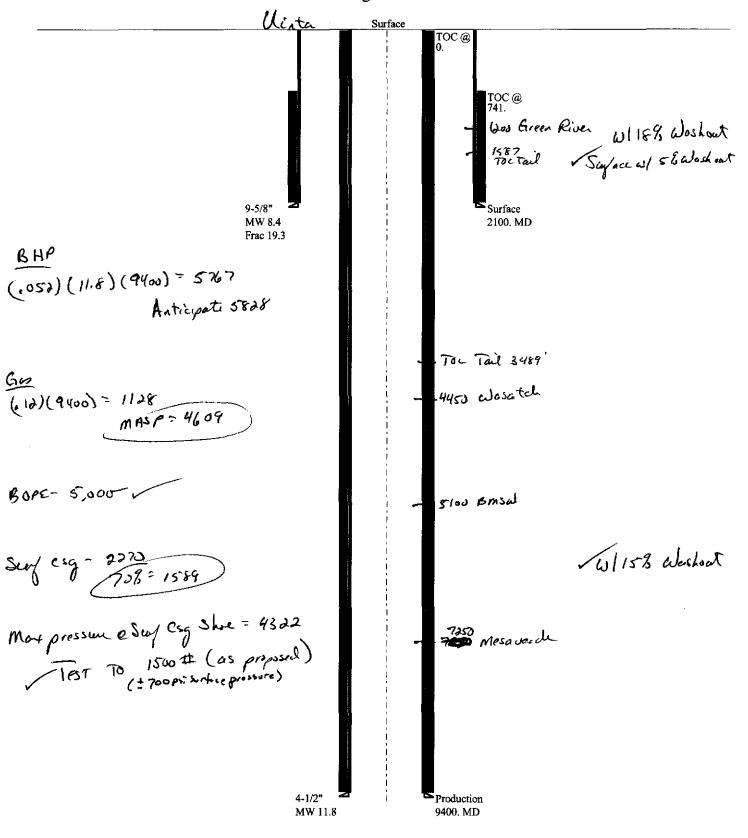
Final Score





01-06 Westport NBU 1021-46L

Casing Schematic



Well name:

01-06 Westport NBU 1021-16L

Operator:

Westport Oil & Gas

String type:

Surface

Design parameters:

Project ID: 43-047-37629

Location:

Uintah County, Utah

Minimum design factors: **Environment:**

Collapse: **Collapse** Design factor

Mud weight: 8.400 ppg Design is based on evacuated pipe.

H2S considered? Surface temperature: 1.125

No 75 °F Bottom hole temperature: 104 °F 1.40 °F/100ft Temperature gradient:

Minimum section length: 1,500 ft

Burst:

Design factor

1.00

Cement top:

741 ft

Burst

Max anticipated surface

pressure: Internal gradient:

1,848 psi 0.120 psi/ft

Calculated BHP 2,100 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J) 8 Round LTC: 1.80 (J) **Buttress:** 1.60 (J)

1.50 (J) Premium: Body yield: 1.50 (B)

Tension is based on buoyed weight. 1.841 ft Neutral point:

Non-directional string.

Re subsequent strings: Next setting depth:

9,400 ft Next mud weight: 11.800 ppg Next setting BHP: 5,762 psi 19.250 ppg Fracture mud wt:

2,100 ft Fracture depth: 2,100 psi Injection pressure

Run Seq	Segment Length (ft)	Size (ln)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2100	9.625	32.30	H-40	ST&C	2100	2100	8.876	133.1
Run Seq 1	Collapse Load (psi) 916	Collapse Strength (psi) 1370	Collapse Design Factor 1.495	Burst Load (psi) 2100	Burst Strength (psi) 2270	Burst Design Factor 1.08	Tension Load (Kips) 59	Tension Strength (Kips) 254	Tension Design Factor 4.27 J

Prepared

Clinton Dworshak

Utah Div. of Oil & Mining

Phone: (810) 538-5280 FAX: (801) 359-3940

Date: January 31,2006 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2100 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:

01-06 Westport NBU 1021-16L

Operator:

Westport Oil & Gas

String type:

Production

Location:

Uintah County, Utah

Project ID:

43-047-37629

Design parameters:

Collapse

Mud weight:

11.800 ppg

Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125 **Environment:**

H2S considered?

No

Surface temperature: Bottom hole temperature: 75 °F

Temperature gradient:

Non-directional string.

207 °F

1.40 °F/100ft Minimum section length: 1,500 ft

Burst:

Design factor

Cement top:

Surface

Burst

Max anticipated surface

No backup mud specified.

pressure: Internal gradient: 4,634 psi 0.120 psi/ft

Calculated BHP

5,762 psi

Tension:

8 Round STC:

8 Round LTC:

Buttress:

1.60 (J) Premium: 1.50 (J)

Body yield:

1.50 (B)

1.80 (J)

1.80 (J)

1.00

Tension is based on buoyed weight.

Neutral point: 7,742 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	9400	4.5	11.60	N-80	LT&C	9400	9400	3.875	217.9
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	5762	6350	1.102	5762	7780	1.35	90	223	2.48 J

Prepared

Clinton Dworshak

Utah Div. of Oil & Mining

Phone: (810) 538-5280 FAX: (801) 359-3940

Date: January 31,2006 Salt Lake City, Utah

Collapse is based on a vertical depth of 9400 ft, a mud weight of 11.8 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

January 20, 2006

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2006 Plan of Development Natural Buttes Unit Uintah

County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is planned for calendar year 2006 within the Natural Buttes Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Wasatch/MesaVerde)

43-047-37629 NBU 1021-16L Sec 16 T10S R21E 2138 FSL 0828 FWL

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc:

File - Natural Buttes Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:1-20-06



State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA Division Director JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

February 6, 2006

Westport Oil & Gas Company LP 1368 S 1200 E Vernal, UT 84078

Re: Natural Buttes Unit 1021-16L Well, 2138' FSL, 828' FWL, NW SW, Sec. 16,

T. 10 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37629.

Sincerely,

Gil Hunt

Associate Director

pab

Enclosures

cc:

Uintah County Assessor

SITLA

Bureau of Land Management, Vernal District Office

Operator:	Westpor	rt Oil & Gas Company LI	P			
Well Name & Number	Natural Buttes Unit 1021-16L					
API Number:	43-047-	37629				
Lease:	ML-107					
Location: <u>NW SW</u>	Sec. 16	T. 10 South	R. 21 East			

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
- 5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

Page 2 43-047-37629 February 6, 2006

- 6. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
- 7. Surface casing shall be cemented to the surface.

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has char	ged, effective:			1/6/2006		
FROM: (Old Operator):		TO: (New Operator):				
N2115-Westport Oil & Gas Co., LP		N2995-Kerr-M		Gas Onsho	re, LP	
1368 South 1200 East		1368 South 1200 East				
Vernal, UT 84078	Vernal, UT 84078		UT 84078	}		
Phone: 1-(435) 781-7024	Phone: 1-(435)					
CA No.		Unit:		ATURAL I	BUTTES	
WELL NAME	SEC TWN RNG		ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
	1		ji (O	11111	11112	DIAIOD
OPERATOR CHANGES DOCUMENT	ATION					
Enter date after each listed item is completed						
1. (R649-8-10) Sundry or legal documentation w		_		5/10/2006	-	
2. (R649-8-10) Sundry or legal documentation w	as received from the	NEW operator	on:	5/10/2006		
3. The new company was checked on the Depart	ment of Commerce	, Division of Co	orporation	s Database	on:	3/7/2006
4a. Is the new operator registered in the State of	Utah: YES	Business Numb	er:	1 <u>355743-</u> 01	31	
4b. If NO, the operator was contacted contacted	on:				_	
5a. (R649-9-2)Waste Management Plan has been re	eceived on:	IN PLACE				
5b. Inspections of LA PA state/fee well sites comp	lete on:	n/a	3 LA well	s & all PA v	vells tran	sferred
5c. Reports current for Production/Disposition & S	Sundries on:	ok				
6. Federal and Indian Lease Wells: The BLM and or the BIA has approved the merger, name change,						
or operator change for all wells listed on Feder	al or Indian leases o	n;	BLM	3/27/2006	BIA	not yet
7. Federal and Indian Units:						
The BLM or BIA has approved the successo				3/27/2006		
8. Federal and Indian Communization	•	•				
The BLM or BIA has approved the operator			LINGE	n/a	6 61	
9. Underground Injection Control ("U	,	vision has appro			ister of A	uthority to
Inject, for the enhanced/secondary recovery un	ut/project for the wa	iter disposal wel	l(s) listed o	on:		
DATA ENTRY:		511.610.006				
1. Changes entered in the Oil and Gas Database		5/15/2006	,	E/1 E/200C		
2. Changes have been entered on the Monthly O3. Bond information entered in RBDMS on:		5/15/2006		5/15/2006	-	
4. Fee/State wells attached to bond in RBDMS on		5/16/2006	٠,			
5. Injection Projects to new operator in RBDMS		3/10/2000	•			
6. Receipt of Acceptance of Drilling Procedures			n/a	Name Chai	nge Only	
BOND VERIFICATION:			•			
1. Federal well(s) covered by Bond Number:		CO1203				
2. Indian well(s) covered by Bond Number:		RLB0005239	•			
3. (R649-3-1) The NEW operator of any fee well	(s) listed covered by	Bond Number	•	RLB000523	6	
a. The FORMER operator has requested a release	of liability from the	ir bond on:	n/a	rider adde	d KMG	
The Division sent response by letter on:						
LEASE INTEREST OWNER NOTIFIC						
4. (R649-2-10) The FORMER operator of the fee			-		Division	
of their responsibility to notify all interest owns	rs of this change on		5/16/2006) 		
COMMENTS:						

4 Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

		MULTIPLE LEASES				
Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.			6. If Indian, Allottee or T	ribe Name		
SUBMIT IN TRIPL	ICATE – Other instru	ctions on re	verse	side	7. If Unit or CA/Agreeme	ent, Name and/or No.
1. Type of Well		··· - ·			+	
Oil Well X Gas Well	Other				8. Well Name and No.	
2. Name of Operator	.,			•	MUTIPLE WELL	.S
KERR-McGEE OIL & GAS (ONSHORE LP	-			9. API Well No.	
3a. Address	/=====================================	ł		e area code)		
 Location of Well (Foolage, Sec., 		(435) 781-7	024		10. Field and Pool, or Expl	oratory Area
4. Location of Well (Footinge, Sec.,	I., K., M., or Survey Description	n)			11. County or Parish, State	
SEE ATTACHED						
					UINTAH COUNTY, I	UTAH
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICATE NA	TURE (OF NOTICE,	REPORT, OR OTHER DA	TA
TYPE OF SUBMISSION			TYP	E OF ACTIO	N	
Notice of Intent	Acidize	Deepen		Productio	n (Start/Resume) 🔲 Water	Shut-Off
Subsequent Report	Alter Casing	Fracture Tre		Reclamati	<u> </u>	ntegrity
Subsequent Report	Casing Repair Change Plans	New Constr		Recomple		CHANGE OF ATOR
Final Abandonment Notice	Convert to Injection	Plug Back	74 11 0 011	Water Dis		ATOK
PLEASE BE ADVISED THA OPERATOR OF THE ATTA KERR-McGEE OIL & GAS COF THE LEASE(S) FOR TH IS PROVIDED BY STATE OF BLM B B/A 14. I hereby certify that the foregoin Name (Printed/Typed)	T KERR-MCGEE OIL & CHED WELL LOCATIO DINSHORE LP, IS RESI IE OPERATIONS CONI OF UTAH NATIONWIDE ONO = C 0/203	ONS. EFFEC PONSIBLE U DUCTED UP BOND NO.	INDER ON LE RLBOO AP	JANUARY (TERMS AI ASE LAND DO5237. PROVE Carlene Sion of OII,	3, 2006. ND CONDITIONS DS. BOND COVERAGE	MAY 1 0 2006 E DIV. OF OIL, GAS & MINING
FANDY BAYNE		DRILLING				
Signature / Sayne		Date May 9, 20	06			
7 ()	THIS SPACE	FOR FEDERA	L OR S	TATE USE		
Approved by		Title			Date	
Conditions of approval, if any, are attached certify that the applicant holds legal or equ which would entitle the applicant to conduct Title 18 U.S.C. School 1001	itable title to those rights in the sub t operations thereon.	ject lease				
Title 18 U.S.C. Section 1001, make	it a crime for any person kno	wingly and willfi	ully to m	nake to any dej	partment or agency of the Uni	ited States any

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

MIII TIDI E I EACE

5. Lease Serial No.

	MOTICES AND KELOKIS		/ IMULTIPLE LEASES	
	form for proposals to Use Form 3160-3 (APD) (6. If Indian, Allottee or Tribe Name	
SUBMIT IN TRIPLICATE – Other instructions on reverse side			7. If Unit or CA/Agreement, Name and/or No.	
1. Type of Well	P			
Oil Well X Gas Well	Other		8. Well Name and No.	
2. Name of Operator			MUTIPLE WELLS	
WESTPORT OIL & GAS CO	OMPANY L.P.		9. API Well No.	
3a. Address		Bb. Phone No. (include area code)		
1368 SOUTH 1200 EAST V		(435) 781-7024	10. Field and Pool, or Exploratory Area	
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description,)		
SEE ATTACHED			11. County or Parish, State	
SEE ATTACHED			UINTAH COUNTY, UTAH	
12 CHECK APP	POPPIATE POVIES TO IN	IDICATE NATURE OF MOTION		
	KOTKIATE BOX(ES) TO IN	IDICATE NATURE OF NOTICE,		
TYPE OF SUBMISSION		TYPE OF ACTIO	DN	
Notice of Intent Subsequent Report	Acidize Alter Casing	Fracture Treat Reclamat	<u></u>	
Suosequent Report	Casing Repair Change Plans	New Construction Recomple Plug and Abandon Temporar		
Final Abandonment Notice	Convert to Injection	Plug Back Water Dis	rily Abandon OPERATOR	
determined that the site is ready for fin EFFECTIVE JANUARY 6, 20 THE OPERATORSHIP OF TONSHORE LP.	006, WESTPORT OIL &	GAS COMPANY L.P., HAS I	RELINQUISHED	
ONGHORE LF.	Eau Division o	OVED 5/6/06 Leve Russell of Oil, Gas and Mining ussell, Engineering Technicia	MAY 1 0 2006	
14. I hereby certify that the foregoing Name (Printed/Typed) BRAD LANEY	g is true and correct	Title ENGINEERING SPECIALIS	DIV OF OIL, GAS & MINING ST	
Signature	- · · · · · ·	Date May 9, 2006		
	THIS SPACE I	FOR FEDERAL OR STATE USE		
Approved by	THOOFAGE	Title	Date	
Conditions of approval, if any, are attacked certify that the applicant holds legal of equi which would entitle the applicant to conduct	table title to those rights in the subject operations thereon.	rrant or Office	5-9-06	
Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent statement	it a crime for any person knowints or representations as to any m	ingly and willfully to make to any dep natter within its jurisdiction.	partment or agency of the United States any	

	FORM 9				
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING				
SUNDR	LS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	_		
Do not use this form for proposals to drill drill horizontal	7. UNIT OF CA AGREEMENT NAME: NATURAL BUTTES UNIT	_			
1. TYPE OF WELL OIL WELL	GAS WELL OTHER			8. WELL NAME and NUMBER: NBU 1021-16L	_
2. NAME OF OPERATOR: KERR MCGEE OIL AND	GAS ONSHORE LP			9. API NUMBER: 4304737629	_
3. ADDRESS OF OPERATOR: 1368 S. 1200 E.	_{TY} Vernal _{STATE} UT _{ZIF}	84078	PHONE NUMBER: (435) 781-7003	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES	-
4. LOCATION OF WELL	EOL 0001 E14/I				_
FOOTAGES AT SURFACE: 2138'	FSL 828' FWL			COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSHIP, RA	NGE, MERIDIAN: NWSW 16 10S 2	21E		STATE: UTAH	
11. CHECK APP	ROPRIATE BOXES TO INDICAT	TE NATURE	OF NOTICE, REPOR	RT, OR OTHER DATA	_
TYPE OF SUBMISSION			YPE OF ACTION		_
☐ NOTICE OF INTENT	ACIDIZE	DEEPEN		REPERFORATE CURRENT FORMATION	
(Submit in Duplicate)	ALTER CASING	FRACTUR		SIDETRACK TO REPAIR WELL	
Approximate date work will start:	CASING REPAIR		STRUCTION	TEMPORARILY ABANDON	
	CHANGE TO PREVIOUS PLANS	=	R CHANGE	TUBING REPAIR	
	CHANGE TUBING	<u> </u>	ABANDON	VENT OR FLARE	
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BAC		WATER DISPOSAL	
Date of work completion:	CHANGE WELL STATUS		ION (START/RESUME)	WATER SHUT-OFF	
	COMMINGLE PRODUCING FORMATIONS]	TION OF WELL SITE	OTHER: APD EXTENSION	
	CONVERT WELL TYPE	RECOMPL	ETE - DIFFERENT FORMATION		-
THE OPERATOR REQU	OMPLETED OPERATIONS. Clearly show all I ESTS AUTHORIZATION FOR A IE DRILLING OPERATIONS MAY /ISION OF OIL, GAS AND MININ	ONE YEAR Y BE COMP	EXTENSION FOR TH LETED. THE ORIGINA	E SUBJECT WELL	
	Utah	roved by to Division as and Mir	of		
				RECEIVED	
	Date: O	<u> </u>	P 7 /	JAN 2 9 2007	
	By:	Mey (DIV. OF OIL, GAS & MINI	NG
		\mathcal{M}	-		_
NAME (PLEASE PRINT) RAMEY	HOOPES		REGULATORY C	LERK 1-31-07	
SIGNATURE KAMU	ptoper	DA	ть 1/23/2007	Rm	

Application for Permit to Drill Request for Permit Extension Validation

Validation (this form should accompany the Sundry Notice requesting permit extension)

	4304737629 NBU 1021-16L NWSW, SEC 16-T1 mit Issued to: Permit Issued:	KERR MCGEE OIL AND O	GAS ONSHORE LP	
above, hereby	verifies that the	n legal rights to drill on the information as submitte mains valid and does no	d in the previously	d
Following is a verified.	checklist of some	e items related to the ap	plication, which should	<u>be</u>
•	rivate land, has t en updated? Yes	he ownership changed, s□Nol ⁄	if so, has the surface	
•		the vicinity of the proposents for this location? Yes		fect
	•	er agreements put in pla proposed well? Yes⊟ No		1
	, .	to the access route inclu proposed location? Yes[nt-
Has the appro	ved source of wa	ater for drilling changed?	' Yes□ No ⊠	
	iire a change in p	changes to the surface lolans from what was disc		;
Is bonding still	in place, which	covers this proposed we	ll? Yes ☑ No □	
Signature	y Hoopes		1/23/2007 Date	
Title: REGULA	TORY CLERK			
Representing:	Kerr McGee Oil a	nd Gas Onshore LP	F	RECEIVED

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company:	KERR-McGEE OIL & GAS ONSHORE, LP
Well Name:	NBU 1021-16L
Api No: 43-047-	Lease Type: STATE
Section_16Townshi	p 10S Range 21E County UINTAH
Drilling Contractor	PETE MARTIN DRLG RIG # RATHOLE
SPUDDED:	
Date	09/19/07
Time	11:00 AM
How	DRY
Drilling will Comm	ence:
Reported by	LOU WELDON
Telephone #	(435) 828-7035
Date <u>09/20/07</u>	Signed CHD

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM				
Operator:	KERR McGEE OIL &	GAS ONSHORE LP	Operator Account Number:	N 2995
Address:	1368 SOUTH 1200 E	AST		
, , , , , , , , , , , , , , , , , , , ,	city VERNAL			
	state UT	_{zip} 84078	Phone Number:	(435) 781-7024

API Number	Well N	lame	QQ	Sec	Twp	Rng	County
4304737629	NBU 1021-16L		NWSW	16	108	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
В	99999	2900	9	/19/200	7		9/25/0
Comments: MIRI	U PETE MARTIN BUCKE	TRIG. W5	MVD	•			'/

Well 2 Twp QQ Sec Rng County Well Name **API Number Entity Assignment** Spud Date **New Entity Current Entity Action Code Effective Date** Number Number Comments:

API Number	Well N	lame	QQ	Sec	Twp	Rng	County
Action Code	de Current Entity New Entity Number Number		Spud Date			Entity Assignment Effective Date	
omments:							

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

RECEIVED SEP 2 0 2007 SHEILA UPCHEGO
Name (Please Print)

Signature
SENIOR LAND SPECIALIST

9/20/2007 Date

(5/2000)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-10755		
SUNDRY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
Do not use this form for proposals to drill r drill horizontal la	new wells, significantly deepen existing wells below cur aterals. Use APPLICATION FOR PERMIT TO DRILL f	rrent bottom-hole dept form for such proposal	h, reenter plugged wells, or to s.	7. UNIT OF CA AGREEMENT NAME: UNIT #891008900A
1. TYPE OF WELL OIL WELL	GAS WELL 🗸 OTHER_			8. WELL NAME and NUMBER: NBU 1021-16L
2. NAME OF OPERATOR: KERR McGEE OIL & GAS	S ONSHORE I D			9. API NUMBER: 4304737629
3. ADDRESS OF OPERATOR:		- · · · ·	PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
1368 SOUTH 1200 EAST 4. LOCATION OF WELL	VERNAL STATE UT THE	84078	(435) 781-7024	NATURAL BUTTES
FOOTAGES AT SURFACE: 2138'F	FSL, 828'FW L			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RAN	IGE, MERIDIAN: NWSW 16 10S 2	21E		STATE: UTAH
11. CHECK APPI	ROPRIATE BOXES TO INDICAT	ΓΕ NATURE (OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION			PE OF ACTION	
NOTICE OF INTENT	ACIDIZE	DEEPEN	TDE AT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate) Approximate date work will start:	ALTER CASING CASING REPAIR	FRACTURE NEW CONST		SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON
Approximate data work will start.	CHANGE TO PREVIOUS PLANS	OPERATOR		TUBING REPAIR
	CHANGE TUBING	PLUG AND A		VENT OR FLARE
✓ SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK		WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTIO	ON (START/RESUME)	WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATI	ON OF WELL SITE	OTHER: WELL SPUD
-	CONVERT WELL TYPE	RECOMPLE	TE - DIFFERENT FORMATION	
MIRU PETE MARTIN BU W/28 SX READY MIX.	OMPLETED OPERATIONS. Clearly show all pCKET RIG. DRILLED 20" CONDON ON 09/19/2007 AT 1100 HRS.			RECEIVED SEP 2 5 2007
				DIV. OF OIL, GAS & MINING
NAME (PLEASE PRINT) SHEILA U	IPCHEGO	TITLE	SENIOR LAND A	DMIN SPECIALIST
SIGNATURE MM	MIMI	DATE	9/20/2007	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: ML 10755
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME: UNIT #891008900A
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: NBU 1021-16L
2. NAME OF OPERATOR:	9. API NUMBER:
KERR McGEE OIL AND GAS ONSHORE LP 3. ADDRESS OF OPERATOR: PHONE NUMBER:	4304737629 10. FIELD AND POOL, OR WILDCAT:
1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078 (435) 781-7024	NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2138'FSL-828'FWL	COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 16 10S 21E	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REP	ORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate) ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK (Submit Original Form Only)	WATER DISPOSAL
Date of work completion: CHANGE WELL STATUS PRODUCTION (START/RESUME) COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	WATER SHUT-OFF
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATIO	OTHER: SET SURF CSG
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volu	
MIRU BILL JR'S RATHOLE DRILLING ON 9/25/07. DRILLED 12 1/4" SURFACE HOLE T 32.3# H-40 AND 21 JTS OF 36# J-55 SURFACE CSG. LEAD CMT W/200 SX PREM CL TAILED CMT W/100 SX PREM CLASS G @ 15.8 PPG 1.15 YLD. DOWN BACKSIDE. TO @ 15.8 PPG 1.15 YLD. DOWN BACKSIDE. 2ND TOP OUT W/125 SX PREM CLASS G BACKSIDE. GOOD CMT TO SURFACE AND STAYED AT SURFACE. WORT	ASS G @ 15.8 PPG 1.15 YLD. OP OUT W/125 SX PREM CLASS G
	RECEIVED
	OCT 2 4 2007
	DIV. OF OIL, GAS & MINING
NAME (PLEASE PRINT) SHEILA UPCHEGO TITLE SENIOR LAND	ADMIN SPECIALIST
SIGNATURE	

FORM 9 STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-10755 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. UNIT #891008900A 1. TYPE OF WELL 8 WELL NAME and NUMBER: OIL WELL GAS WELL 🗸 OTHER NBU 1021-16L 2. NAME OF OPERATOR: 9. API NUMBER: KERR McGEE OIL & GAS ONSHORE LP 4304737629 3. ADDRESS OF OPERATOR: 10. FIELD AND POOL, OR WILDCAT: PHONE NUMBER: STATE UT 715 84078 1368 SOUTH 1200 EAST VERNAL NATURAL BUTTES (435) 781-7024 4. LOCATION OF WELL FOOTAGES AT SURFACE: 2138'FSL, 828'FWL COUNTY: UINTAH QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 16 10S 21E STATE: UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE DEEPEN REPERFORATE CURRENT FORMATION NOTICE OF INTENT (Submit in Duplicate) ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL Approximate date work will start: CASING REPAIR **NEW CONSTRUCTION** TEMPORARILY ABANDON CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR CHANGE TUBING PLUG AND ABANDON VENT OR FLARE SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK WATER DISPOSAL (Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME) WATER SHUT-OFF Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE ✓ OTHER: FINAL DRILLING **OPERATIONS** CONVERT WELL TYPE **RECOMPLETE - DIFFERENT FORMATION** 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. FINISHED DRILLING FROM 2160' TO 9515' ON 10/30/2007. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/352 SX PREM LITE II @11.5 PPG 2.82 YIELD. TAILED CMT W/1308 SX 50/50 POZ @14.3 PPG 1.31 YIELD. DROP PLUG & DISPLACED W/146.9 BBLS WATER BUMP PLUG W/500 OVER FINAL CIRC PSI OF 2496 &PLUG HELD & GOT BACK 19 BBLS OF CMT TO PIT. SET CSG HANGER L/D LANDING JT SET 80K ON HANGER WASH & CLEAN OUT MUD TANKS.

RELEASED ENSIGN RIG 83 ON 10/31/2007 AT 2100 HRS.

RECEIVED NOV 0 9 2007

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE	SENIOR LAND ADMIN SPECIALIST
SIGNATURE MUMANIMAN	DATE	11/1/2007

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES	
DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-10755
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME: UNIT #891008900A
1. TYPE OF WELL OIL WELL GAS WELL 🗹 OTHER	8. WELL NAME and NUMBER: NBU 1021-16L
2. NAME OF OPERATOR:	9. API NUMBER:
KERR McGEE OIL & GAS ONSHORE LP	4304737629
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT 21P 84078 PHONE NUMBER: (435) 781-7024	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2138'FSL, 828'FWL	COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 16 10S 21E	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate) ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK (Submit Original Form Only)	WATER DISPOSAL
Date of work completion: CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER: PRODUCTION
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	START-UP
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume	nes, etc.
THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 01/06/2008 AT 1	:00 PM.
PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.	
NAME (RIESSE POINT) SHEILA UPCHEGO TITLE SENIOR LAND	ADMIN SPECIALIST
NAINE (FLEASE PRINT)	ADMIN OF ECIALIST
SIGNATURE / / / / / / / / / / / DATE 1/8/2008	
This space for State use only)	RECEIVED
,	JAN 1 5 2008
•	· · · J 4000

DIV. OF OIL, GAS & MINING



Anadarko Petroleum Corporation 1368 S. 1200 East Vernal, UT 84078

CHRONOLOGICAL WELL HISTORY

NBU 1021-16L

LOCATION NWSW SEC.16, T10S, R21E UINTAH COUNTY, UT

DATE 09/04/07	ACTIVITY LOCATION STARTED	ENSIGN 83	STATUS	
09/19/07	LOCATION COMPLETED SET CONDUCTOR	ENSIGN 83	P/L IN, WOBR WOAR	
09/25/07	SET AIR RIG	ENSIGN 83	DRILL	
10/02/07	9 5/8" @ 2131'	ENSIGN 83	WORT	
10/22/07	TD: 4430' Csg. 9 5/8" @ RDRT and move to NBU 1021-spud @ 2030 hrs 10/20/07. Dr	-16L. RURT. NU and te		DSS: 2 II FE. Rotary
10/23/07	TD: 6033' Csg. 9 5/8" @ Drill from 4430'-6033'. DA.	2131' MW: 9.7	SD: 10/20/07	DSS:3
10/24/07	TD: 6928' Csg. 9 5/8" @ Drill from 6033'-6928'. DA.	2131' MW: 10.4	SD: 10/20/07	DSS:4
10/25/07	TD: 7557' Csg. 9 5/8" @ Drill from 6928'-7557'. DA @ r		SD: 10/20/07	DSS:5
10/26/07	TD: 7760' Csg. 9 5/8" @ Drill f/ 7557'-7638'. TFNB. Tig to shoe and c/o swivel @ report	ht f/ 3400'-2900'. TIH ar		DSS: 6 ocked up. TOOH
10/29/07	TD: 8977' Csg. 9 5/8" @ Change out swivel. TIH and dr 3130'-6900'. FIH. Drill from 87		NB. TIH and work throug	DSS: 9 gh tight hole from
10/30/07	TD: 9515' Csg. 9 5/8" @ Drill from 8977'-8993'. TFNB.		SD: 10/20/07 nd prepare to short trip (DSS: 10 ② report time.
10/31/07	TD: 9515' Csg. 9 5/8" @ Short trip and LDDS. Run Trip		SD: 10/20/07 oduction Casing @ repor	DSS: 11 t time.
11/01/07	TD: 9515' Csg. 9 5/8" @ Run and cement 4 ½" Production RDRT.	2131' MW: 11.9 on Casing. Land casing		DSS: 12 hrs 10/31/07.
11/02/07	TD: 9515' Csg. 9 5/8" @ RDRT. Will move to NBU 102		SD: 10/20/07	DSS: 12

12/31/07 F

RU EQUIP

Days On Completion: 1

Remarks: 7:AM HSM. MOVE RIG TO LOC. RU RIG. SPOT EQUIP. ND WELLHEAD, NU BOP. FILL WELL. RU QUICK TEST, & PRES TEST TO 7500 PSI. SDFN. FRAC ON WED.

01/02/08

PERF & FRAC

Days On Completion: 2

Remarks: 7:00 A.M. HSM -18 DEG.

MIRU CUTTERS, MIRU WEATHERFROD FRAC SVC. P/U PERF GUNS & RIH. SHOOT 18 HOLES F/ 8828' - 31' (6 SPF), P/U SHOOT 18 HOLES F/ 8815' - 19', (6 SPF). POOH. WORK ON STARTING FROZEN PMP'S.

ALL STAGES SHOT W/ 3 3/8" EXP PERF GUNS, LOADED W/ 23 GM CHARGES, 2,3,&4 SPF, 90,120 & 180 DEG PHASING. ALL ZONES INCLUDE NALCO DVE-005 SCALE INHIB, 3 GPT IN PAD & 1/2 RAMP, 10 GPT IN FLUSH. ALL ZONES TAILED IN W/ 5000# TLC SAND FOR SAND CONTROLL. ALL CBP'S ARE 4 1/2" BAKER 8K CBP'S

STG 1: BRK DWN PERF'S @ 4226#, EST INJ RT @ 39 BPM @ 5000#, ISIP 3435#, FG .83, TREAT STG 1 W/ 15367# SAND W/ SLK WTR. TAILED IN W/ 5000# TLC SAND. TOT CL FL 669 BBLS. ISIP 3294#, NPI -141#, FG .81

STG 2: P/U 3 3/8" PERF GUNS & 4 1/2" BAK 8K CBP & RIH. SET CBP @ 8605', P/U SHOOT 12 HOLES F/ 8573' - 75', P/U SHOOT 24 HOLES F/ 8385' - 89'. POOH. BRK DWN PERF'S @ 5686#, EST INJ RT @ 49.9 BPM @ 6000#, ISIP 2956#. FG .79, TREAT STG 2 W/ 17000# SAND, TAILED IN W/ 5000# TLC SAND. TOT CL FL 580 BBLS. ISIP 2688#, NPI -268#, FG .76

STG 3: P/U 3 3/8" PERF GUNS & 4 1/2" BAK 8K CBP & RIH. SET CBP @ 8163', P/U SHOOT 24 HOLES F/ 8129' - 33', P/U SHOOT 12 HOLES F/ 8125' - 27', POOH. BRK DWN PERF'S @ 6658#, EST INJ RT @ 49.9 BPM @ 6600#, ISIP 2431#, FG .74, TREAT STG 3 W/ 16,740# SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR. TOT CL FL 591 BBLS. ISIP 2919#, NPI 488#, FG .80

STG 4: P/U 3 3/8" PERF GUNS & 4 1/2" CBP & RIH. SET CBP @ 7960', P/U SHOOT 16 HOLES F/ 7933' - 37', P/U SHOOT 20 HOLES F/ 7885' - 90', P/U SHOOT 8 HOLES F/ 7872' - 74', POOH. BRK DWN PERF'S @ 6225#, EST INJ RT @ 48.8 BPM @ 4880#, ISIP 2916#, FG .81, TREAT STG 4 W/ 26,100# SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR. TOT CL FL 808#, ISIP 2593#, NPI -323#, FG .77

STG 5: P/U 3 3/8" PERF GUNS & 4 1/2" CBP & RIH. SET CBP @ 7760', P/U SHOOT 12 HOLES F/ 7720' - 22', P/U SHOOT 24 HOLES F/ 7647' - 7651'. POOH. BRK DWN PERF'S @ 3172#, EST INJ RT @ 50.3 BPM @ 5200#, ISIP 1878#, FG .69. TREAT STG 5 W/ 15,000# SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR. TOT CL FL 570 BBLS. ISIP 2949#, NPI 1071#, FG .83 WINTERIZE WH. SWI SDFN

01/03/08

PERF & FRAC

Days On Completion: 3

Remarks: 7:00 A.M. HSM -8 DEG

P/U 3 3/8" PERF GUNS. EQUILIZE LUBRICATOR & FLASH SET LUBRICATOR. L/D LUBE & THAW OUT LUBRICATOR & PACK OFF. (2 HRS). RIH.

STG 6: P/U 3 3/8" PERF GUNS & 4 1/2" CBP & RIH. SET CBP @ 7534', P/U SHOOT 24 HOLES F/ 7496' - 7504', P/U SHOOT 18 HOLES F/ 7369' - 75'. POOH. BRK DWN PERF'S @ 3302#, EST INJ RT @ 51.5 BPM @ 4500#, ISIP 1635#, FG .66, TREAT STG 6 W/ 102,900# SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR. TOT CL FL 2754 BBLS. ISIP 2814#, NPI 1179#, FG .89

P/U 4 1/2" CBP & RIH. SET KILL PLUG @ 7319'. POOH, RDMO CUTTERS. RDMO WEATHERFORD. ND FRAC VLV'S. NUBOPE. P/U 3 7/8" BIT, POBS. PREP & TALLY 2 3/8" L-80 8RD 4.7# TBG. & RIH, P/U TBG OFF TRAILER. EOT @ 4500'. WINTERIZE W.H. SWI. SDFN

01/04/08

drl cbp's

Days On Completion: 5

Remarks: 7:00 A.M. HSM CONT TO RIH P/U TBG OFF TRAILER F/ 4500'. TAG KILL PLUG @ 7319', R/U PWR SWIVEL, R/U PMP & LINES. BRK CONV CIRC W/ REC WTR & BEG TO DRL.

DRL UP 1ST CBP @ 7319', (700# PSI I NC). CONT TO RIH. TAG FILL @ 7504', (30' FILL). C/O TO 2ND CBP @ 7534'.

DRL UP 2ND CBP, (0# PSI INC). CONT TO RIH. TAG FILL @ 7745', (15' FILL). C/O TO 3RD CBP @ 7760'.

DRL UP 3RD CBP, (200# PSI INC). CONT TO RIH. TAG FILL @ 7945' (15' FILL). C/O TO 4TH CBP @ 7960'.

DRL UP 4TH CBP, (200# PSI INC). CONT TO RIH. TAG FILL @ 8148', (15' FILL). C/O TO 5TH CBP @ 8163',

DRL UP 5TH CBP, (200# PSI INC). CONT TO RIH. TAG FILL @ 8575', (30' FILL). C/O TO 6TH CBP @ 8605'.

DRL UP 6TH CBP, (500# PSI INC). CONT TO RIH. TAG PBTD @ 9358', CIRC WELL CLEAN. POOH, L/D 54 JTS ON TRAILER. LAND TBG W/ EOT @ 8106'. R/D DRL EQUIP. NDBOPE, DROP BALL, NUWH. R/U FLOW BACK LINES. PMP OFF THE BIT SUB @ 1800#. RIG DWN. TURN OVER TO FLOW BACK CREW

SICP 1000# FTP 50# 48/64 CHOKE

TBG ON LOC 312 JTS
TBG IN WELL 258 JTS
TBG LEFT ON TRAILER 54 JTS

01/05/08 FLOWBACK REPORT: CP 875#, TP 700#, CK 20/64", 60 BWPH, LOAD REC'D 1170 BBLS, REMAINING LTR 3730 BBLS

01/06/08 FLOWBACK REPORT: CP 2000#, TP 850#, CK 20/64", 40 BWPH, LOAD REC'D 1110 BBLS, REMAINING LTR 2620 BBLS

WENT ON SALES: @ 1:00 PM, 500 MCF, 1000 TBG, 1000 CSG, 20/64 CK, 40 BBWH

01/07/08 FLOWBACK REPORT: CP 2200#, TP 1100#, CK 20/64", 30 BWPH, LOAD REC'D 865 BBLS, REMAINING LTR 1755 BBLS

01/08/08 FLOWBACK REPORT: CP 1800#, TP 1050#, CK 20/64", 10 BWPH, LOAD REC'D 385 BBLS, REMAINING LTR 1370 BBLS

ON SALES: 960 MCF, 0 BC, 240 BW, TP: 1050#, CP: 1800#, 20/64 CHK, 24 HRS, LP: 161#.



				TMEN		ATURA	L RES	OURCE:					(hi	ghlight	chang	PORT Ges) TION AND S		FORM 8
														ML-10				
WEL	L COMI	PLET	ION (OR F	RECO	MPL	ETIC	ON R	EPOF	RT ANI	D LOG		6. 11	F INDIAN,	, ALLOT	TEE OR TR	IBE NAME	
1a. TYPE OF WELL	:	OI W	ELL	,	GAS Z		DRY		ОТЬ	HER	-			7. UNIT OF CA AGREEMENT NAME UNIT #891008900A				·
b. TYPE OF WORK NEW WELL 🔽	HORIZ. LATS.	DE EN	EP-		RE- ENTRY]	DIFF. RESVR.		ОТН	IER	<u> </u>			8. WELL NAME and NUMBER: NBU 1021-16L				
2. NAME OF OPERA		& GA	S ONS	SHOR	ELP									Р NUMB 43047		29		
3. ADDRESS OF OF 1368 S 120		c	пү <mark>VEI</mark>	RNAL		STATE	. UT	ZIP 840	078		NUMBER: 35) 781-7	7024	1			., OR WILDO		
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 2138'FSL, 828'FWL							11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 16 10S 21E											
AT TOP PRODU	CING INTERVA	AL REPOF	RTED BEL	OW:														
AT TOTAL DEPTH:					1	12. COUNTY 13. STATE UTAH												
14. DATE SPUDDED 9/19/2007		. DATE T. 10/30/	.D. REACH /2007	HED:	16. DATE 1/6/	E СОМРЬ 2008	ETED:	,	ABANDON	IED 🗌	READY TO	PRODU	CE 🗸		183'C	NS (DF, RKB 3L	s, RT, GL):	
18. TOTAL DEPTH:	MD 9,5	15	1:	9. PLUG	BACK T.D).; MD TVD	9,358	,	20. IF	MULTIPLE C	OMPLETIONS	s, HOW	MANY?*	21. DEF Pl	PTH BRI LUG SE			
22. TYPE ELECTRIC	AND OTHER	MECHAN	IICAL LOG	S RUN (Submit cop	y of each	1)			23.								<u>,</u>
CBL-CCL-G	R , SO,	DSV	H.	2)						WAS DST	L CORED? RUN? DNAL SURVE	(?	NO NO NO	<u>v</u>	YES _ YES _ YES _	(Subi	mit analysis mit report) mit copy)	s)
24. CASING AND LI	NER RECORD	(Report	all strings	set in w	eli)													
HOLE SIZE	SIZE/GRAI	DE	WEIGHT	(#/ft.)	TOP (MD)	вотто	OM (MD)		CEMENTER EPTH	CEMENT T NO. OF SA		SLU VOLUM	RRY E (BBL)	CEM	ENT TOP **	AMOUN	NT PULLED
20"		STL	36.7					10			28			_				
12 1/4"			32.3#					160			550				ļ			
7 7/8"	4 1/2	I-80	11.6	•# 		• • •	9,	515			1660			_				
25. TUBING RECOR			T 24 24 / 2		un)	0.75		Lasari	057 (1.0)	Large	(In)		0.75		DEDTIL	OFT (MD)	DAGUED	OFT (440)
2 3/8"	DEPTH SI		PACKE	R SET (N	MD)	SIZE	=	DEPTH	SET (MD) PACKE	R SET (MD)		SIZE		JEP I H S	SET (MD)	PACKER	SET (MD)
26. PRODUCING IN			<u> </u>					<u> </u>		27. PERFO	RATION REC	ORD						
FORMATION		TOP	(MD)	BOTTO	M (MD)	TOP	(TVD)	ВОТТО	M (TVD)		AL (Top/Bot - I		SIZE	NO. HO	LES	PERFO	RATION ST	ATUS
(A) MESAVEI	RDE	7,3	369	8,8	918					7,369	8,	918	0.36	230	0 0	pen 🗸	Squeezed	
(B) WSM	10														c	pen	Squeezeo	
(C)																pen	Squeezec	
(D)															·c	pen R	Sgu etz o	VED
28. ACID, FRACTU	RE, TREATME	NT, CEME	NT SQUE	EZE, ET	C.										¥. 1 ∮3.			2000
DEPTH I	NTERVAL								AM	OUNT AND I	TYPE OF MAT	ERIAL			***	FE	B 0 2	2008
7369'-8918'			PMP	5972	BBLS	SLIC	K H2	O & 19	3,107	# 30/50	SD					DIV. OF	OIL, GA	S & MININ
29. ENCLOSED ATT	FACHMENTS:															30. WEL	.L STATUS	:

(CONTINUED ON BACK)

GEOLOGIC REPORT

CORE ANALYSIS

■ DST REPORT

OTHER:

DIRECTIONAL SURVEY

PROD

ELECTRICAL/MECHANICAL LOGS

SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION

31. INITIAL PRODUCTION INTERVAL A (As shown in item #26) DATE FIRST PRODUCED: HOURS TESTED: TEST PRODUCTION OIL - BBL: GAS - MCF: WATER - BBL: PROD. METHOD: TEST DATE: 1/10/2008 24 RATES: 0 1,242 240 **FLOWING** 1/6/2008 INTERVAL STATUS: CHOKE SIZE: TBG. PRESS CSG. PRESS. API GRAVITY BTU - GAS GAS/OIL RATIO 24 HR PRODUCTION OIL - BBL: GAS - MCF WATER - BBL RATES: **PROD** 1,242 240 20/64 721 1,303 0 INTERVAL B (As shown in item #26) DATE FIRST PRODUCED: PROD. METHOD: TEST DATE: HOURS TESTED: TEST PRODUCTION OIL - BBL: GAS - MCF: WATER - BBL: RATES: CHOKE SIZE: TBG. PRESS CSG. PRESS. API GRAVITY BTU - GAS GAS/OIL RATIO 24 HR PRODUCTION GAS - MCF: WATER - BBL: INTERVAL STATUS: RATES: INTERVAL C (As shown in item #26) DATE FIRST PRODUCED: HOURS TESTED: TEST DATE: TEST PRODUCTION OIL - BBL: GAS - MCF: WATER - BBL: PROD. METHOD: RATES: CHOKE SIZE: TBG. PRESS. CSG. PRESS. API GRAVITY BTU - GAS GAS/OIL RATIO 24 HR PRODUCTION OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL STATUS: RATES: INTERVAL D (As shown in item #26) DATE FIRST PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION OIL - BBL: GAS - MCF: WATER - BBL: PROD. METHOD: RATES: CHOKE SIZE: TBG. PRESS. BTU - GAS CSG. PRESS. API GRAVITY GAS/OIL RATIO 24 HR PRODUCTION OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL STATUS: RATES: 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.) SOLD 33. SUMMARY OF POROUS ZONES (include Aquifers): 34. FORMATION (Log) MARKERS: Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Bottom Top Formation Descriptions, Contents, etc. Name (Measured Depth) (MD) (MD)

35. ADDITIONAL REMARKS (Include plugging procedure)

4.457

7,359

WASATCH

MESAVERDE

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.							
SHELLA LIPCHEGO	SENIOR LAND ADMIN SPECIALIST						

SIGNATURE / MULL MINULES

7,359

LE SENIOR LAND ADMIN SPECIALIST

1/29/2008

This report must be submitted within 30 days of

- · completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

Send to: Utah Division of Oil, Gas and Mining

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

^{*} ITEM 20: Show the number of completions if production is measured separately from two or more formations.

^{**} ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

STATE OF UTAH

FORM 9	,

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING		5. LEASE DESIGNATION AND SERIAL NUMBER:
		ML-10755
SUNDRY NOTICES AND REPORTS ON WE	LLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole de drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposes.	pth, reenter plugged wells, or to als.	7. UNIT OF CA AGREEMENT NAME: UNIT #891008900A
1. TYPE OF WELL OIL WELL GAS WELL OTHER		8. WELL NAME and NUMBER: NBU 1021-16L
2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE LP		9. API NUMBER: 4304737629
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078	PHONE NUMBER: (435) 781-7024	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2138'FSL, 828'FWL		COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 16 10S 21E		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE	OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
✓ NOTICE OF INTENT ☐ ACIDIZE ☐ DEEPEN		REPERFORATE CURRENT FORMATION
(Submit in Duplicate) ALTER CASING FRACTUR	E TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CON	STRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATO	R CHANGE	TUBING REPAIR
CHANGE TUBING PLUG ANI	ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BAC	CK	WATER DISPOSAL
	ION (START/RESUME)	WATER SHUT-OFF
	TION OF WELL SITE	OTHER:
CONVERT WELL TYPE	ETE - DIFFERENT FORMATION	
THE OPERATOR REQUESTS AUTHORIZATION TO RECOMPLETE PROPOSES TO COMPLETE THE WASATCH FORMATION, AND CO ALONG WITH THE EXISTING MESAVERDE FORMATION. PLEASE REFER TO THE ATTACHED RECOMPLETION PROCEDURAL New perts 5350' to 7208'	MMINGLE THE NEV	
		COPY SENT TO OPERATOR
		Date: 8 · 27 · 2008 Initials: 45
NAME (PLEASE PRINT) SHEILA UP CHEGO, TI	REGULATORY A	ANALYST
1 tula /1 m(/10/1)	8/19/2008	
(This space for State use only) APPROVED BY THE STATE		RECEIVED
OF LITAH DIVISION OF		AUG 2 0 2008
OIL, GAS, AND MINING		新cm
(5/2000) DATE: 8/26/08 A (See Instructions on Reverse	Side)	DIV. OF OIL, GAS & MINING
(Gee manucidis on reverse	,	Dia

(5/2000)

Location:

NWSW 16 10S 21E

Uintah County, UT

Date:

7/14/08

ELEVATIONS:

5183 GL

5203 KB

TOTAL DEPTH:

9514

PBTD: 9469

SURFACE CASING:

9 5/8", 36# J-55 ST&C @ 2131' 4 1/2", 11.6#, I-80 LT&C @ 9514'

Marker Joint 4512' - 4533'

TUBULAR PROPERTIES:

PRODUCTION CASING:

	BURST	COLLAPSE	DRIFT DIA.	CAPACITIES	
	(psi)	(psi)	(in.)	(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55	7,700	8,100	1.901"	0.00387	0.1624
tbg					
4 ½" 11.6# I-80	7780	6350	3.875"	0.0155	0.6528
(See above)					
2 3/8" by 4 ½"				0.0101	0.4227
Annulus					

TOPS:

1221' Green River

1834' Mahogany

4451' Wasatch

7353' Mesaverde

CBL indicates good cement below 300'

GENERAL:

- A minimum of **28** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Halliburtons Induction-Density-Neutron log dated 10/30/07
- 6 fracturing stages required for coverage.
- Procedure calls for 7 CBP's (8000 psi).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Put scale inhibitor 3 gals/1000 gals (in pad and ½ the ramp) and 10 gals/1000 gals in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, Slickwater frac.
- Maximum surface pressure 6200 psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). DO NOT OVERDISPLACE. Stage acid and scale inhibitor if necessary to cover the next perforated interval.
- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.
- Pump resin coated sand last 5,000# of all frac stages
- Tubing Currently Landed @~8106

• Originally completed on 1/3/08

Existing Perforations:

PERFORATIONS					
Formation (Bench)	<u>Top</u>	<u>Btm</u>	<u>spf</u>	Shots	<u>Date</u>
MESA VERDE	7369	7375	3	18	01/02/2008
MESA VERDE	7496	7504	3	24	01/02/2008
MESA VERDE	7647	7651	2	8	01/02/2008
MESA VERDE	7720	7722	2	4	01/02/2008
MESA VERDE	7872	7874	4	8	01/02/2008
MESA VERDE	7885	7890	4	20	01/02/2008
MESA VERDE	7933	7937	4	16	01/02/2008
MESA VERDE	8125	8127	2	4	01/02/2008
MESA VERDE	8129	8133	2	8	01/02/2008
MESA VERDE	8385	8389	2	8	01/02/2008
MESA VERDE	8573	8575	2	4	01/02/2008
MESA VERDE	8828	8831	2	6	01/02/2008
MESA VERDE	8915	8918	2	6	01/02/2008

PROCEDURE:

- 1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
- 2. TOOH with 2-3/8", 4.7#, N-80 tubing (currently landed at ~8106'). Visually inspect for scale and consider replacing if needed. If the tubing is above the proposed CBP depth, RIH with tubing and tag for fill before TOOH.
- 3. If the looks ok consider running a gauge ring to 7290' (50' below proposed CBP). Otherwise P/U a mill and C/O to 7290' (50' below proposed CBP).
- 4. Set 8000 psi CBP at \sim 7240'. Pressure test BOP and casing to 6000 psi. .
- 5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	7034	7038	4	16
WASATCH	7138	7142	3	12
WASATCH	7204	7208	3	12

- 6. Breakdown perfs and establish injection rate (<u>include scale inhibitor in fluid</u>). Fracture as outlined in Stage 1 on attached listing. Under-displace to ~6984' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 7. Set 8000 psi CBP at ~6974'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	6798	6804	3	18
WASATCH	6854	6858	3	12
WASATCH	6940	6944	3	12

- 8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~6748' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 9. Set 8000 psi CBP at ~6704'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6544	6548	3	12
WASATCH	6570	6572	3	6
WASATCH	6610	6612	3	6
WASATCH	6670	6674	4	16

- 10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~6524' trickle 250gal 15%HCL w/ scale inhibitor in flush. Note: Tight Spacing.
- 11. Set 8000 psi CBP at ~6512'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6288	6294	4	24
WASATCH	6370	6372	3	6
WASATCH	6438	6440	2	4
WASATCH	6480	6482	3	6

- 12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~6228' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 13. Set 8000 psi CBP at ~5916'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	5654	5656	3	6
WASATCH	5750	5752	3	6
WASATCH	5830	5834	3	12
WASATCH	5882	5886	4	16

- 14. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 5 on attached listing. Under-displace to ~5604' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 15. Set 8000 psi CBP at ~5564'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	5350	5356	3	18
WASATCH	5430	5434	3	12
WASATCH	5530	5534	3	12

- 16. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 6 on attached listing. Under-displace to ~5300' and flush only with recycled water. Note: Lower Rate.
- 17. Set 8000 psi CBP at~5300'.
- 18. TIH with 3 7/8" bit, pump off sub, SN and tubing.

19. Drill plugs and clean out to 9469. Pump off sub and land tubing at ± 6760 ' unless indicated otherwise by the well's behavior. This well will be commingled at this time.

20. RDMO

For design questions, please call Conner Staley, Denver, CO (720)-929-6419 (Office)

For field implementation questions, please call Robert Miller, Vernal, UT 4350781 7041 (Office)

NOTES:

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															100.154362						
		ı	Pay	Feet	Pe	rfs			Rate	Fluid	Initial	Final	Fluid	Volume	Cum Vol	Fluid	Sand	Sand	Cum. Sand	Footage from	Scale Inhib.,
Stage	Zone	Top, ft.	Bot., ft	of Pav	Top, ft.	Bot., ft	SPF	Holes	врм	Туре	ppg	ppg		BBLs	BBLs	% of frac	% of frac	lbs	lbs	CBP to Flush	gal.
		327		WINT								100	96			1116		100		167	
1	WASATCH	7034				7038	1	16		Pump-in test			Slickwater	0	0						
	WASATCH	7138				7142	ŀ	12		ISIP and 5 min ISIP				004	204				n		45
	WASATCH	7204			7204	7208	3	12		Slickwater Pad	0.25	1 25	Slickwater Slickwater		264 1,142	15.0% 50.0%	0.0% 39.7%	0 27,675	27,675		33 55
	WASATCH WASATCH		Lumped Pay	41 0						Slickwater Ramp Slickwater Ramp	1.25		Slickwater		1,757	35.0%	60.3%	41,974	69,649		0
	WASATCH			0						Flush (4-1/2")	1.20	_	DiiGKWatci	109	1,866	30.070	00.570	,	69,649		45
	WASATCH			0						ISDP and 5 min ISDF] .	ļ						179
		ı															gal/ft			lbs sand/ft	
			Ft of Net Pay	41	maur.	# of Perf	s/stage	40		. 1144		1011169	5	FI	ush depth I	6984	CB	P depth	6,974	10	LOOK
94460	WASATCH	6798	6804	0	6798	6804	3	18	48.6 Varied	<< Above pump time Pump-in test	(min)	U.,	Slickwater	0	0		8. mah (1		11,000,000		ara III.
2	WASATCH	6854	6868			6858	3	12		ISIP and 5 min ISIP			DIICKHIALEI	ľ	ľ						
	WASATCH	6940				6944	3	12	50	Slickwater Pad]		Slickwater	193	193	15.0%	0.0%	0	0		24
	WASATCH		Lumped Pay	24						Slickwater Ramp	0.25	1.25	Slickwater		836	50.0%	33.7%	20,250	20,250		41
	WASATCH			0						Slickwater Ramp	1.25	2	Slickwater		1,286	35.0%	60.3%	30,713	50,963		0
	WASATCH			0					50	Flush (4-1/2")				105	1,391				50,963		108
	WASATCH			0						ISDP and 5 min ISDF	ĺ						gal/ft	2,250	2.123	lbs sand/ft	100
	ł		Ft of Net Pay	24		# of Perf	s/stage	42			ł	ĺ		FI	ı ⊔sh depth	6748		P depth	,	44	
12,590	K			100				(175 H)	29.0	<< Above pump time	(min)			STATE OF THE STATE	1	His "					
3	WASATCH	6644	6548			6548	3	12		Pump-in test			Slickwater	0	0						ì
	WASATCH	6570				6572	3	6	-	ISIP and 5 min ISIP	ļ										07
	WASATCH	6610				6612		6		Slickwater Pad Slickwater Ramp	0.25	1 25	Slickwater	L.	293 1,269	15.0% 50,0%	0.0% 39.7%	0 30,750	0 30,750		37 62
	WASATCH WASATCH	6670	6674 Lumped Pay	D 21	6670	5674	4	16		Slickwater Ramp	1.25	ļ.	Slickwater Slickwater		1,209	35.0%	39.7% 90.3%	46,638	77,388		0
	WASATCH		Lumpeuray	0						Flush (4-1/2*)	1.20		Silokmatei	101	2,054	33.074	30.570	-0,000	77,388		42
	WASATCH			0						ISDP and 5 min ISDF						ì					141
															l		gal/fi			lbs sand/ft	
regger:	artificant or	1994(199)	Ft of Net Pay	21	- 1476807	# of Perf	s/stage	40	naurr e			Spiritti.		FI	ush depth	6524	a - 753%	P depth	6,512	12	LOOK
edhad.	WASATCH	6288	6294	0	6288	6294	Bakkille	24	C. L. 1999	<< Above pump time Pump-in test	(mip)	16600	Slickwater	n	l n	Sallis.	286	1,000	Ass.	3 2 7 T Sa	des sus
•	WASATCH	6370			6370	6372	3	- Z4 6		ISIP and 5 min ISIP			SIICAWatei	"	ľ						
	WASATCH	6438				6440	2	4		Slickwater Pad			Slickwater	354	354	15.0%	0.0%	0	0		45
	WASATCH	6480	6482			6482	3	6		Slickwater Ramp	0.25		Slickwater		1,532	50.0%	39.7%	37,125	37,125		74
	WASATCH		Lumped Pay	33						Slickwater Ramp	1.25	2	Slickwater		2,357	35.0%	60.3%	56,306	93,431		0
	WASATCH			0					50	Flush (4-1/2") ISDP and 5 min ISDF	1			97	2,454			.	93,431		38 157
	WASATCH	l		υ						12015 and 2 min 1201	Ì						gal/ft	3,000	2.831	lbs sand/ft	137
			Ft of Net Pay	33		# of Perf	s/stage	40						FI	ush depth	6238		P depth		322	
	7			1000		100			51.2	<< Above pump time	(min)		i tun							WEATHER	
5	WASATCH	5654	5656	0		5556	3	5		Pump-in test	l		Slickwater	0	0			1			- 1
	WASATCH	5750		0		5752	3	6		ISIP and 5 min ISIP			20.4	205	205	45.00	0.04				44
	WASATCH WASATCH	5830 5882				5834 5886	3	12 16		Slickwater Pad Slickwater Ramp	0.25	1 25	Slickwater Slickwater		325 1,410	15.0% 50.0%	0.0% 39.7%	0 34,172	34,172		41 68
	WASATCH	3002	Lumped Pay	41	3002	3000	"	10		Slickwater Ramp	1.25		Slickwater		2,170	35.0%	60.3%	51,827	85,999		0
	WASATCH		,,	0						Flush (4-1/2")				87	2,257				85,999		36
	WASATCH			0						ISDP and 5 min ISDF				!							145
	}										ŀ					F00.4	gal/ft	2,250		lbs sand/ft	
5492088	CLUP WICHOO	Record I	Ft of Net Pay	41	energenie o	# of Perf	s/stage	40	17.6	12. FE 2. 12. 12. 12. 12. 12. 12. 12. 12. 12.	42072400	1412	P 60		ush depth I	5604	CB	P depth	5,564	40	
Device:	WASATCH	5350	5356	0	5350	5356	3	18	47.1 Varied	<< Above pump time Pump-in test	(min)	444	Slickwater	SANDER OF THE PERSON NAMED IN	0	3828655				*11959555	
U	WASATCH	5430				5434		12		ISIP and 5 min ISIP			Discovator	ľ	ľ						
	WASATCH	5530				5534	1 :	12		Slickwater Pad	ĺ		Slickwater	288	288	15.0%	0.0%	0	0		36
	WASATCH		Lumped Pay	46						Slickwater Ramp	0.25		Slickwater		1,246	50.0%	39.7%		30,188		60
	WASATCH			0						Slickwater Ramp	1.25	2	Slickwater	L	1,917	35.0%	60.3%	45,784	75,972		0
	WASATCH WASATCH			0					40	Flush (4-1/2") ISDP and 5 min ISDF	l			82	1,999				75,972		97
				U						COL MIN S HIII IOUT	l						gal/ft.	1,750	1,652	lbs sand/ft	٠.
		L	Ft of Net Pay	46		# of Perf	s/stage	42						Fl	ush depth	5300		P depth		0	LOOK
e palitical	#4- Zan								52.1	an Jih. 15						286		(1115)		24	35.0
	Totals			205				244						gals	12,018	bbls	Tot	al Sand	453,401	ļ	
	1 723	20000000	SEBAL - 200	es empre	8 440 (1040	* 18000000000000000000000000000000000000	55000	1388584		100 E C S S 8 6 7 A 1 1 9 7 1 7 1				bbls			# K. galidha	. 25000000	70.4	C C SHEET	000
200								1277.158	4.5		129	Paul C			26.1	tanks	har SJ	nill TVI	Total Sca	le Inhib.	828

Stage	Zones	Top, ft	orations Bottom, ft	SPF	Holes	Fra	cture Cover	age
	A PART OF THE PART	2.850 PM		MINNEY TO A TO A TO A	- Magain			Cartifu (Lighter)
	WASATCH WASATCH	7034 7138	7038 7142	3	16	7034 7138	to to	70
	VASATCH_	7204	7208	3	12	7204		7:
	WASATCH							Lumped Pa
1	WASATCH_							
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	WASATCH							
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١.	WASATCH							
	WASATCH						ļ	ļ
<u> </u>	WASATCH						 	
<u> </u>	# of Perfs/stage				40	CBP DEPTH	6,974	<u> </u>
100%		35.0	200		Profess ()			300
	WASATCH	6798	6804		18	6798		6
	WASATCH WASATCH	6854 6940	6858 6944	3	12	6854 6940		6
	WASATCH							Lumped P
	WASATCH						Ļ	ļ
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<u> </u>	WASATCH						<u> </u>	
<u> </u>	WASATCH	 					<u> </u>	
l-	# of Perfs/stage			 	42	CBP DEPTH	6,704	
	real Land	114		10.042575		406 EE 2007	11	198
	WASATCH	6544	6548	3	12	6544		6
ļ.	WASATCH	6570 6610	6572 6612	3	6	6570 6610		6
- K	WASATCH	6670	6674	4	16	6670		6
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-	# of Barfo(atage				40	CBP DEPTH	6,512	
endale v	# of Perfs/stage	The state of the s		100	40	CBF DEFIN	0.312	New York
	WASATCH	6288	6294	4	24	6288		6
<u> </u>	WASATCH	6370	6372	3	6	6370		6
	WASATCH WASATCH	6438 6480	6440 6482	3	6	6438 6480		6
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ļ.,						CDD DCDTI	5046	
	# of Perfs/stage	Marin Mily : GRUDO			40	CBP DEPTH	5,916	
5	WASATCH	5654	5656	3	6	5654	to	
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60	WASATCH WASATCH	5750 5830 6882 5850 5350 5430	5752 5834 5886 5886	3 3 4	40 40 18 18	5954 5950 5950 5930 6882 CBP DEPTH	5,564	6 5 5 Lumped P
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	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING												hang				RM 8
		DIVISI	ON OF	FOIL, (GAS /	AND N	MINING	3				AL-10		TION AN	ID SE	RIAL NUMBE	:R:
WELL	COMPL	FTION	OR R	RECO	MPL	FTIO	N RE	POR	TAND	LOG		INDIAN,		TEE OF	TRIE	BE NAME	
1a. TYPE OF WELL:		OIL C		SAS VELL Z		DRY [<u> </u>	OTHE				NIT or CA					
b. TYPE OF WORK	: HORIZ. LATS.	DEEP-] [RE- ENTRY]	DIFF. RESVR.	7	OTHE	REC	OMPLETE		ELL NAM					
2. NAME OF OPERA	TOR: GEE OIL &	GAS ON	SHOR	E LP		_						PI NUMBE 43047		29			
3. ADDRESS OF OP	PERATOR:	CITY VE			STATE	UT	ZIP 840	78		NUMBER: 5) 781-7024		IELD AND					
4. LOCATION OF W AT SURFACE:	ELL (FOOTAGES) 2138'FSL, 8	828'FWL									5 5	OTR/OTR MERIDIAN WSW	1.0 3000			HIP, RANGE	
AT TOP PRODUC	CING INTERVAL R	EPORTED BE	LOW:									COUNTY			1	3. STATE	JTAH
14. DATE SPUDDED 9/19/2007		TE T.D. REAC		16. DATE	COMPL /2008			BANDONE		READY TO PRODU		17. ELE			RKB,	RT, GL):	
18. TOTAL DEPTH:	1.0000000000000000000000000000000000000			BACK T.D.	SCHOOL SERVICES	9,323		20. IF N	IULTIPLE CO	OMPLETIONS, HOW	MANY?*	21. DEP		RIDGE	MD TVD		
22. TYPE ELECTRIC	8500737-7-8564	CHANICAL LC	GS RUN (Submit copy)		S.	23.								
N/A									WAS WELI WAS DST DIRECTION		NO NO NO	✓	YES [YES [YES [(Subn	nit analysis) nit report) nit copy)	
24. CASING AND LI	INER RECORD (Re	eport all string	ıs set in w	ell)	-			·······				<u> </u>	la			· · · · · · · · · · · · · · · · · · ·	
HOLE SIZE	SIZE/GRADE	WEIGH	Γ (#/ft.)	TOP (I	MD)	вотто	M (MD)		EMENTER PTH	CEMENT TYPE & NO. OF SACKS	SLU VOLUM	RRY IE (BBL)	CE	MENT TO	OP **	AMOUNT	PULLED
20"	14" ST	L 36	.7#			4	0			28							
12 1/4"	9 5/8 H-4	U.DOX	# 36#				160			550			_				
7 7/8"	4 1/2 I-8	0 11	.6#			9,5	515		-	1660	1		├			<u> </u>	
											70		┢╌			+	
													╁			\vdash	
25. TUBING RECOI	RD			<u> </u>		J				1 (80° 1 1 1 1 1 1			1			!	
SIZE	DEPTH SET	(MD) PAC	KER SET (MD)	SIZE]	DEPTH	SET (MD)	PACKE	R SET (MD)	SIZE	1	DEPTH	I SET (N	ID)	PACKER S	ET (MD)
2 3/8"	6,754																
26. PRODUCING IN	ITERVALS									RATION RECORD			1				
FORMATION		TOP (MD)		OM (MD)	TOP	(TVD)	вотто	M (TVD)	AND 10 10 11 1	L (Top/Bot - MD)	SIZE	NO. HO	\rightarrow	Open		RATION STA Squeezed	108
(A) WASATO	H	5,350	/,	208			<u> </u>		5,350	7,208	0.36	24:	_	Open	_	Squeezed	片_
(B)			_				<u> </u>		788408 N. 00			 	\dashv	Open	屵	Squeezed	
(C)							 			- 10 10 10 10 10 10 10 10 10 10 10 10 10		 		Open	 	Squeezed	<u> </u>
(D)											<u> </u>	<u> </u>	i	Open [Oqueezeu	<u> </u>
28. ACID, FRACTU	INTERVAL	CEMENT SQ	JEEZE, ET	rc.				AM	OUNT AND T	YPE OF MATERIAL							
	INTERVAL	DM	D 12 /	40 BBI	2 21	ICK H	12O &		1# 30/5								
5350'-7208'		PIVI	F 12,4	40 001	_O OL	ION I	20 Q	402,04	111 30/0	0.00		-					
									-								
29. ENCLOSED AT	TACHMENTS:		,											30). WEI	L STATUS:	
_	TRICAL/MECHANIC		D CEMEN	T VERIFICA	ATION		GEOLOG	BIC REPOR	er 🔲	DST REPORT	_	CTIONAL				PROI)
	NI NOTICE FOR F		- OLIVILIN			<u></u>	30.1270				REC	EIV	E	<u>آ</u> ل		-	

(CONTINUED ON BACK)

(5/2000)

OCT 2 0 2008

31.	INITIAL	PRODU	CTION

31. INITIAL PRO	DUCTION				10/11	ERVAL A (As sho	VII III 1(6111 #20)					
DATE FIRST PR	ODUCED:	TEST DA	TE:		HOURS TESTED);	TEST PRODUCTION	OIL - BBL:	GAS - MCF:	WATER -	BBL:	PROD. METHOD:
9/27/2008	}	10/1/	2008		1	6	RATES: →	0	642	28	8	FLOWING
CHOKE SIZE:	TBG. PRESS	S. CSG. PRE	SS. API G	RAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION	OIL – BBL:	GAS - MCF:	WATER -	BBL:	INTERVAL STATUS:
24/64	330	827	7				RATES: →	0	642	28	8	PROD
					INTI	ERVAL B (As sho	vn in item #26)					
DATE FIRST PR	ODUCED:	TEST DA	TE:		HOURS TESTED):	TEST PRODUCTION RATES: →	OIL – BBL:	GAS - MCF:	WATER -	BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS	S. CSG. PRE	ESS. API GF	RAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS - MCF;	WATER -	BBL:	INTERVAL STATUS:
INTERVAL C (As shown in item #26)												
DATE FIRST PR	ODUCED:	TEST DA	TE:		HOURS TESTED):	TEST PRODUCTION RATES: →	OIL – BBL:	GAS - MCF:	WATER	BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS	S. CSG. PRE	ESS. API GI	RAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	N OIL – BBL:	GAS MCF:	WATER -	BBL:	INTERVAL STATUS:
	I				INT	ERVAL D (As sho	wn in item #26)					
DATE FIRST PR	ODUCED:	TEST DA	TE:		HOURS TESTED):	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	- MCF: WATER -		PROD. METHOD:
CHOKE SIZE:	TBG. PRESS	S. CSG. PR	ESS. API GI	RAVITY	BTU GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	N OIL - BBL:	GAS MCF:	WATER -	BBL:	INTERVAL STATUS:
32. DISPOSITIO	ON OF GAS (S	old, Used for F	uel, Vented, Et	c.)	·• · · · · · · · · · · · · · · · · · ·	<u> </u>						
33. SUMMARY	OF POROUS	ZONES (Include	e Aquifers):					34. FORMATION (Log) MARKERS:				
Show all importa tested, cushion t					als and all drill-stem recoveries.	n tests, including de	ppth interval					
Formation	on	Top (MD)	Bottom (MD)		Descrip	tions, Contents, etc	.		Name		(Top (Measured Depth)
WASATCI MESAVER	i i	4,457 7,359										

35. ADDITIONAL REMARKS (Include plugging procedure)

36. 1	hereby certify that the foregoing and attached information	is complete and correct as determined from all available records.
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NAME (PLEASE PR SIGNATURE

DATE

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests
- * ITEM 20: Show the number of completions if production is measured separately from two or more formations.
- **ITEM 24: Cement Top Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to:

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940 Sundry Number: 67119 API Well Number: 43047376290000

	STATE OF UTAH			FORM 9			
	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND MI			5.LEASE DESIGNATION AND SERIAL NUMBER: ML-10755			
SUNDR	RY NOTICES AND REPORTS	ON WELLS	1	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
	oposals to drill new wells, significantly reenter plugged wells, or to drill horize n for such proposals.			7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES			
1. TYPE OF WELL Gas Well				8. WELL NAME and NUMBER: NBU 1021-16L			
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON	NSHORE, L.P.		9. API NUMBER: 43047376290000				
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18tl	h Street, Suite 600, Denver, CO, 8021	R : 720 929-6	9. FIELD and POOL or WILDCAT: 1NATERAL BUTTES				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2138 FSL 0828 FWL			COUNTY: UINTAH				
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NWSW Section:	HIP, RANGE, MERIDIAN: 16 Township: 10.0S Range: 21.0E Mer		STATE: UTAH				
11. CHEC	K APPROPRIATE BOXES TO INDICA	TE NATURE OI	F NOTICE, REPOR	RT, OR OTHER DATA			
TYPE OF SUBMISSION		TYPE	OF ACTION				
	ACIDIZE	ALTER CASING		CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	3	CHANGE WELL NAME			
	CHANGE WELL STATUS	COMMINGLE PR	ODUCING FORMATIONS	CONVERT WELL TYPE			
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREA	AT	NEW CONSTRUCTION			
10/15/2015	OPERATOR CHANGE	PLUG AND ABAN	NDON	PLUG BACK			
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION	OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO F	REPAIR WELL	TEMPORARY ABANDON			
	TUBING REPAIR	VENT OR FLARE		WATER DISPOSAL			
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EX	XTENSION	APD EXTENSION			
· ·	WILDCAT WELL DETERMINATION	✓ OTHER		OTHER: WELLBORE CLEANOUT			
40 DECODINE PROPOSED OR			de includio e detec	·			
A WELLBORE CLEA	COMPLETED OPERATIONS. Clearly show ANOUT/SCALE REMOVAL HAS 6L, SEE THE ATTACHED OPI REPORT.	S BEEN COM	IPLETED ON	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 20, 2015			
NAME (PLEASE PRINT) Doreen Green	PHONE NUMI 435 781-9758		ory Analyst II				
SIGNATURE	433 701-8730	DATE	21,7 Mary 31 11				
N/A		10/20/2	2015				

				U	S ROC	KIES R	EGION	
							ary Report	
Well: NBU 1021	 -16L						Spud date: 10/2	20/2007
Project: UTAH-U	IINTAH		Site: NBL	J 1021-16	SL		<u>'</u>	Rig name no.: MILES 2/2
Event: WELL W	ORK EXPENSE		Start date	e: 10/5/20	15			End date: 10/12/2015
Active datum: R	KB @0.00usft (above	Mean Sea Le			3U 1021-	16L		
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
10/2/2015	11:00 - 15:00	4.00	MAINT	30	Α	Р		MOVED RIG & EQUIP TO LOCATION & SPOT SAME, TO WINDY TO RIG UP SDFWE.
10/5/2015	7:00 - 7:30	0.50	MAINT	48		Р		HSM, CHECKING WELL FOR H2S, & MAKING SURE TBG IS NOT PLUGGED.
	7:30 - 8:30	1.00	MAINT	30	Α	Р		RIGGED UP RIG,
	8:30 - 9:30	1.00	MAINT	30	F	Р		FCP & FTP 43 PSI, PUMPED 22 BBLS T-MAC DWN TBG, TBG IS PLUGGED, ND WH CONTROL CSG W/ 15 BBLS T-MAC, UNLAND TBG NOT STUCK RE LAND, NU BOPS RU FLOOR & TBG EQUIP.
	9:30 - 11:30	2.00	MAINT	31	I	Р		UNLAND TBG L/D HANGER, PU 19 JTS 23/8 L-80 TAGGED @ 7333', L/D 19 JTS.
	11:30 - 12:30	1.00	MAINT	34	Н	Р		RU CUTTERS, RIH TAG @ 6480 EOT @ 6754' PERF TBG,@ 6470'-71' POOH RD CUTTERS.
	12:30 - 17:00	4.50	MAINT	45	Α	Р		SCAN OUT W/ 215 JTS 102 YELLOW, 114 RED, PERF HOLES IN JT # 206,RECOVERED 2 PLUNGERS IN JT BELOW PERFS.104-130 BAD PINS, 206 - 216 PLUGGED & BAD ID SCALE, RD SCAN TECH, SWI SDFN
10/6/2015	7:00 - 7:30	0.50	MAINT	48		Р		HS, PICKING UP TBG & WORKING W/ N2 & AIR UNITS.
	7:30 - 12:00	4.50	MAINT	31	I	Р		SICP & SITP 226 PSI, BLEW WELL DWN, PU 37/8 MILL & 223 JTS 23/8 TAG UP @ 7035'. RU DRLG EQUIP.
	12:00 - 17:30	5.50	MAINT	44	D	Р		BROKE CIRC W/ AIR & N2 UNITS IN 1HR 5 MIN, C/O HARD PATCHY SCALE F/ 7035' - 7336', CIRC CLN, KILL TBG RD SWIVEL, POOH 10 JTS REM TSF, RIH 10 JTS INST TSF, SWI SDFN.
10/7/2015	7:00 - 7:30	0.50	MAINT	48		Р		HSM, WORKING W/ N2 & AIR UNITS.
	7:30 - 17:00	9.50	MAINT	44	D	Р		SICP 676, BROKE CIRC W/ N2 & AIR UNITS IN 1 HR 15 MIN, C/O HARD SCALE F/ 7336'- 7431', PATCHY SCALE F/ 7431' - 7653' CIR CLN, KILL TBG, RD SWIVEL, PULL UP REM TSF RIH TAG BACK UP @ 7653' BROKE CIRC W/ N2 & AIR UN ITS, C/O HARD PATCHY SCALE TO 8161' 825' C/O TODAY, 857' LEFT TO GO TO GET 100' BELOW BTM PERF. CIRC CLN SWI SDFN.
10/8/2015	7:00 - 7:30	0.50	MAINT	48		Р		HSM, WORKING W/ POWER SWIVEL & FOAM UNIT
	7:30 - 17:00	9.50	MAINT	44	D	Р		SICP 820, OPEN TO FB TNK, BROKE CIRC W/ N2 & AIR UNITS, C/O HARD PATHCY SCALE F/ 8161'-8383' PULL REM TSF, RIH C/O HARD PATHCY SCALE F/ 8383' TO 8700', CIRC CLN KILL TBG PULL UP REM TSF, RIH TAG BACK UP @ 8700' INST TSF, SWI SDFN.
10/9/2015	7:00 - 7:30	0.50	MAINT	48		Р		HSM, MILLING OUT SCALE W/ POWER SWIVEL & WORKING W/ N2 & AIR UNITS.
	7:30 - 11:00	3.50	MAINT	44	D	Р		SICP 840, BROKE CIRC W/ AIR/N2 UNITS IN 35 MINS, C/O HARD PATCHY SCALE F/ 8700' - 8918', FILL F/ 8918' - 9018', CIRC CLN.

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					Opera	tion S	Summa	ry Report	
Well: NBU 1021-	16L							Spud date: 10/2	20/2007
Project: UTAH-U	INTAH			Site: NBU	1021-16	L			Rig name no.: MILES 2/2
Event: WELL WO	ORK EXI	PENSE		Start date	: 10/5/20	15			End date: 10/12/2015
Active datum: Rk	(B @0.0	Ousft (above	Mean Sea Le	vel)	UWI: NE	3U 1021-	-16L		
Date	S	Time tart-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
		- 17:00	6.00	MAINT	31	I	Р		KILL TBG, RD SWIVEL, L/D 10 JTS REM TSF, L/D 46 MORE JTS. POOH W/ 21 JTS 23/8 P-110, PUP JT, 208 JTS 23/8 L-80 L/D MILL, PU RIH W/ NEW X/N & 181 JTS 23/8 TBG, EOT @ 5695' SWI SDFWE
10/12/2015	7:00 7:30	- 7:30 - 11:00	0.50 3.50	MAINT	48 31	I	P		HSM, LANDIING SICP & SITP 800, CONTROL TBG W/ 20 BBLS T-MAC. RIH W/ REM 48 JTS 23/8 BROACHING, LAND TBG ND BOPS NU WH, BLE WELL AROUND W/ N2 & AIR, RDMOL. KB = 20' HANGER 4" = .83' 21 JTS 23/8 P-110 = 666.21' 23/8 L-80 PUP JT = 10.15' 106 JTS 23/8 L-80 F/ YARD YELLOW = 3349.46' 102 JTS 23/8 L-80 F/ WELL = 3199.75' 1.875 X/N NEW = 1.05' EOT @ 7247.45'
10/13/2015	7:00	- 13:00	6.00	PROD	42		Р		SWABBING FL 1300
10/14/2015	7:00	- 19:00	12.00	PROD	42		P		SWABBING FL 3400
10/15/2015	7:00	- 19:00	12.00	PROD	42		Р		SWABBING FL 3400

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